

PVM-1370QM

SERVICE MANUAL

AEP Model
Chassis No. SCC-473A-A



June, 1983

This Service Manual contains the Correction-1. SPECIFICATIONS

Color system	PAL, SECAM, NTSC and NTSC _{4.43} systems, switched automatically	Inputs	VIDEO IN : BNC connector
Picture tube	Trinitron tube		VTR : 8-pin connector (2 and 6 pins)
	Approx. 33 cm (13 inches), 90-degree deflection, Super Fine Pitch 0.25 mm		Composite 1 V p-p ± 6 dB, sync negative, 75 ohms and high impedance switchable
	(Approx. 31 cm picture measured diagonally)		AUDIO IN : minijack
Resolution	RGB inputs 600 lines, 640 \times 200 dots		VTR : 8-pin connector (1 and 5 pins)
Color temperature	6,500°K		-5 dBs high impedance
Frequency response	10 MHz (-3 dB, RGB)		EXT SYNC IN : BNC connector
	5.5 MHz (-3 dB, composite video)		Composite sync 2 - 8 V p-p, negative, 75 ohms and high impedance switchable
Horizontal linearity	$\pm 8\%$		RGB IN : BNC connector
Vertical linearity	$\pm 5\%$		0.7 V p-p, non composite
Line pull range	Horizontal ± 500 Hz		RGB AUDIO IN : minijack
	Vertical 8 Hz		-5 dBs high impedance

CMPTR : 25-pin connector

Pin No.	Signal	Signal level
1	RGB level shift	High state (5 V) : decrease the contrast of RGB inputs
2	Audio select	High state (5 V or open) : audio inputs from the CMPTR connector Low state (less than 0.4 V) : audio inputs from the LINE A AUDIO IN jack
3	H. sync or composite sync	Negative polarity (1) 1 V p-p, 75 Ω terminated (2) TTL level • (1) or (2) is selected by the 9 pin.
4	Blue input	Positive polarity (1) Analog signal (0.7 V p-p, 75 Ω terminated, non sync) (2) Digital signal (TTL level) • (1) or (2) is selected by the 9 pin.
5	Green input	
6	Red input	

- Continued on page 2 -



**TRINITRON® COLOR
VIDEO MONITOR**
SONY®



7-8	Not in use	
9	Analog/digital mode select	High state (open): Analog signal (0.7 V p-p) Low state (ground): Digital signal (TTL level)
10	RGB/NORMAL mode select	High state (5 V or open): RGB inputs from the microcomputer Low state (ground): composite video inputs from the LINE A VIDEO IN connector
11	V-sync	Negative polarity TTL level
12	Blanking	High state (5 V or open): video inputs from the microcomputer Low state (ground): Superimposed signal of composite video inputs from the LINE A VIDEO IN connector and RGB inputs from the microcomputer
13	Audio input	Input level -5 dB (100% modulation), input impedance more than 47 k Ω
14	EXT/INT mode sync switch	High state (open): microcomputer sync Low state: LINE A sync
15	Not in use	
16-24	Ground	
25	Half blanking input	Positive polarity TTL level • Active with blanking input (pin 12) at low state • Decrease the contrast of composite video inputs in superimposed mode

Outputs
 VIDEO OUT: BNC connector
 AUDIO OUT: minijack
 EXT SYNC OUT: BNC connector
 RGB OUT: BNC connector
 RGB AUDIO OUT: minijack
 Loop through
Power requirement 220 - 240 V ac, 50/60 Hz
Power consumption 80 W
Dimensions Approx. 346 × 339 × 388 mm (w/h/d)
 (13³/₈ × 13³/₈ × 15³/₈ inches)
Weight Approx. 14.4 kg (31 lbs 12 oz)

While the information given is true at the time of printing, small production changes in the course of our company's policy of improvement through research and design might not necessarily be indicated in the specifications. We would ask you to check with your appointed Sony dealer if clarification on any point is required.

SAFETY-RELATED COMPONENT WARNING !!


COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

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SECTION 1 GENERAL

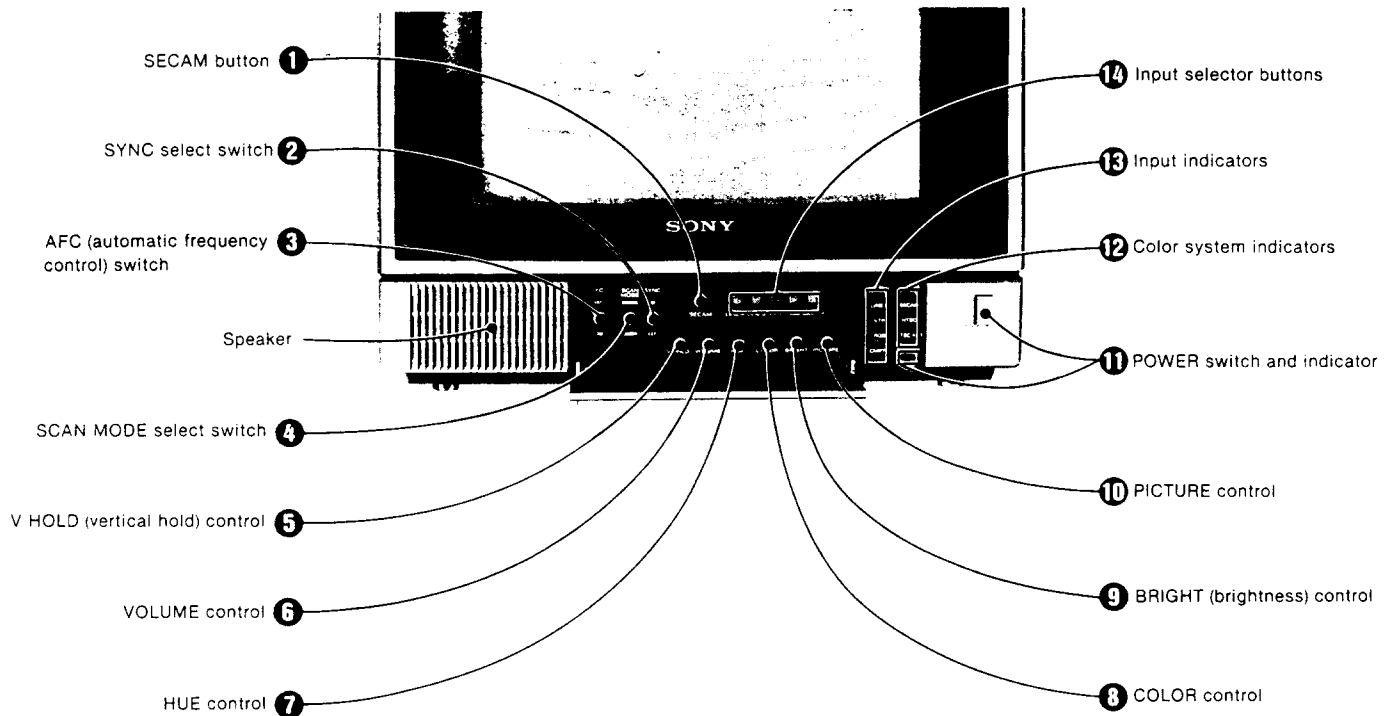
1-1. FEATURES

- Super Fine Pitch Trinitron picture tube for a fine-detailed picture.
- Colorpure Filter fine picture detail without color spill or color noise.
- Automatic frequency control switch to select the horizontal AFC time constant, fast or slow.
- LINE/VTR/RGB/CMPTR input select buttons.
- The PAL, SECAM, NTSC or NTSC_{4,43}* color system is selected automatically.
- UNDER SCAN MODE for viewing a picture which does not appear in normal scanning.
- A picture superimposed by a video disk and a microcomputer can be displayed when the SMI-7073 superimposer (optional) is connected to the microcomputer.

By using an optional MB-502 mounting bracket, the PVM-1370QM can be mounted in an EIA standard 19-inch rack. An optional SLR-102 slide rail is also available. For mounting, see the appropriate instruction manual.

* A signal of NTSC_{4,43} system is obtained by playing back NTSC-recorded video tapes with a video tape recorder/player specially designed for use with this system.

1-2. LOCATION AND FUNCTION OF PARTS AND CONTROLS



① SECAM button

Press this button when the picture receiving SECAM color sources is distorted. The picture will become clear.

② SYNC select switch

Sync may be supplied from an external sync generator to the EXT SYNC IN connector on the rear PANEL. When an external SYNC is supplied, with either composite or non-composite video input, set the SYNC select switch to EXT. When composite video is supplied with no external sync, set the SYNC select switch to INT.

③ AFC (automatic frequency control) switch

Select the AFC operation in the fast mode or slow mode.
FAST: incoming sync timing errors are compensated for.
SLOW: incoming sync timing errors are displayed on the screen.
This mode is used to monitor the jitter from the VTR.

④ SCAN MODE select switch

Normal scanning or under scanning is achieved by proper setting of the SCAN MODE select switch. Set to NORMAL for normal scanning, or to UNDER for viewing a picture which does not appear in normal scanning. Under scanning reduces the display size by about 10%.

⑤ V HOLD (vertical hold) control

If the picture rolls vertically, correct it with this control.

⑥ VOLUME control

Turn this control clockwise or counterclockwise to obtain the desired volume.

⑦ HUE control

This control is effective only for playing tapes on the NTSC or NTSC_{4.43} system. Use obtain the most natural skin tones. Clockwise rotation makes the skin tones greenish; counterclockwise rotation makes them purplish.

⑧ COLOR control

Adjusts the color intensity of the picture. Clockwise rotation makes the picture vivid; counterclockwise rotation makes it pale.

⑨ BRIGHT (brightness) control

Adjusts the brightness. Normally set this control at the center detent position.

⑩ PICTURE control

Adjusts the contrast, color intensity and brightness simultaneously in the proper ratio.

⑪ POWER switch and indicator

To turn the monitor on, depress the POWER switch. The indicator will light. To turn the monitor off, press the switch again.

⑫ Color system indicators

Indicate the color system of the playback of the VTR.

⑬ Input indicators

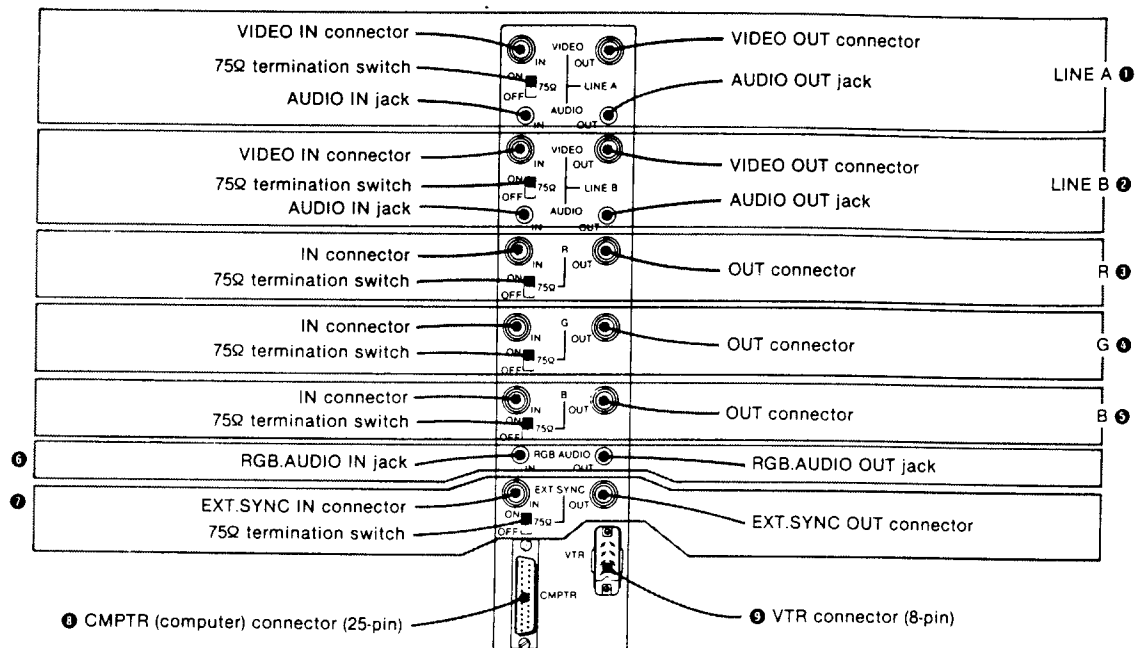
Illuminate to indicate the input selector button pressed.

⑭ Input selector buttons

Press to select the program to be monitored.
LINE A: for a signal from the LINE A connectors.
LINE B: for a signal from the LINE B connectors.
VTR: for a signal from the 8-pin VTR connector.
RGB: for a signal from the R, G and B connectors.
CMPTR: for a signal from the 25-pin CMPTR connector.

1-3. SYSTEM CONNECTIONS

CONNECTORS FOR VIDEO/AUDIO/MICROCOMPUTER



1 LINE A 2 LINE B

Press the LINE A or LINE B input select button to monitor the signal.

VIDEO IN connectors (BNC)

Connect to the video output of a video tape recorder or another monitor (for loop through connection), or to a color camera.

VIDEO OUT connectors (BNC)

Connect the video input of another monitor or a video tape recorder.

AUDIO IN jacks (minijack)

Connect to the audio output of a video tape recorder or another monitor (for loop-through connection), or to a microphone using a suitable microphone amplifier.

AUDIO OUT jacks (minijack)

Connect to the audio input of another monitor or a video tape recorder.

75Ω termination switches

When only one monitor is used, set the switch to ON. When several monitors are connected, set the switch of the last monitor in the looped chain to ON and set it to OFF on the other monitors.

3 R 4 G 5 B

IN connectors (BNC)

Allow a character generator, microcomputer or video camera having digital or analog RGB outputs to be connected. Press the RGB input select button to monitor the signal.

OUT connectors (BNC)

Connect the digital or analog RGB inputs of another monitor.

75Ω termination switches

When only one monitor is used, set the switch to ON. When several monitors are connected, set the switch of the last monitor in the looped chain to ON and set it to OFF on the other monitors.

6 RGB AUDIO

IN connector

Connect the audio output of the appliance connected to the RGB IN connectors. Press the RGB input select button to monitor the signal.

OUT connector

Connect the RGB audio input of another monitor.

7 EXT. SYNC

IN connector (BNC)

Connect an external sync generator.

OUT connector (BNC)

Supplies the external sync signal from the external sync generator connected to the EXT SYNC IN connector.

75Ω termination switch

When an equipment is connected to the EXT SYNC OUT connector, set the switch to OFF. When nothing is connected, set it to ON.

8 CMPTR connector (25-pin)

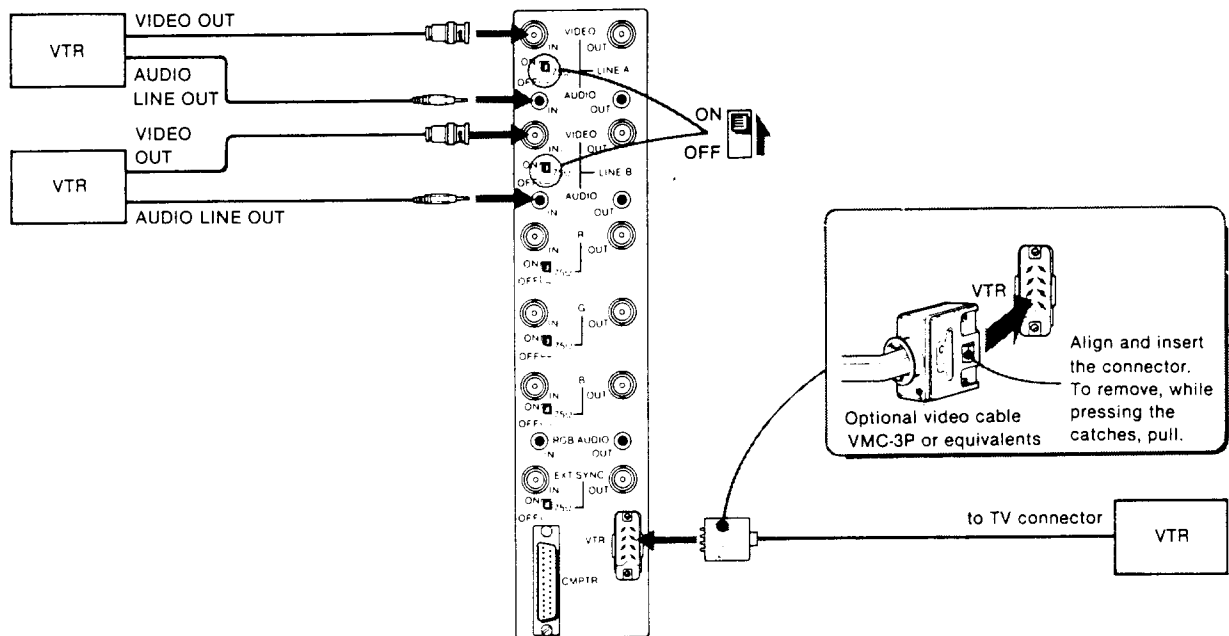
Connect an microcomputer with digital or analog RGB outputs. Press the CMPTR input select button to monitor the signal.

9 VTR connector (8-pin)

Connect a video tape recorder equipped with an 8-pin connector. For monitoring, press the VTR input select button.

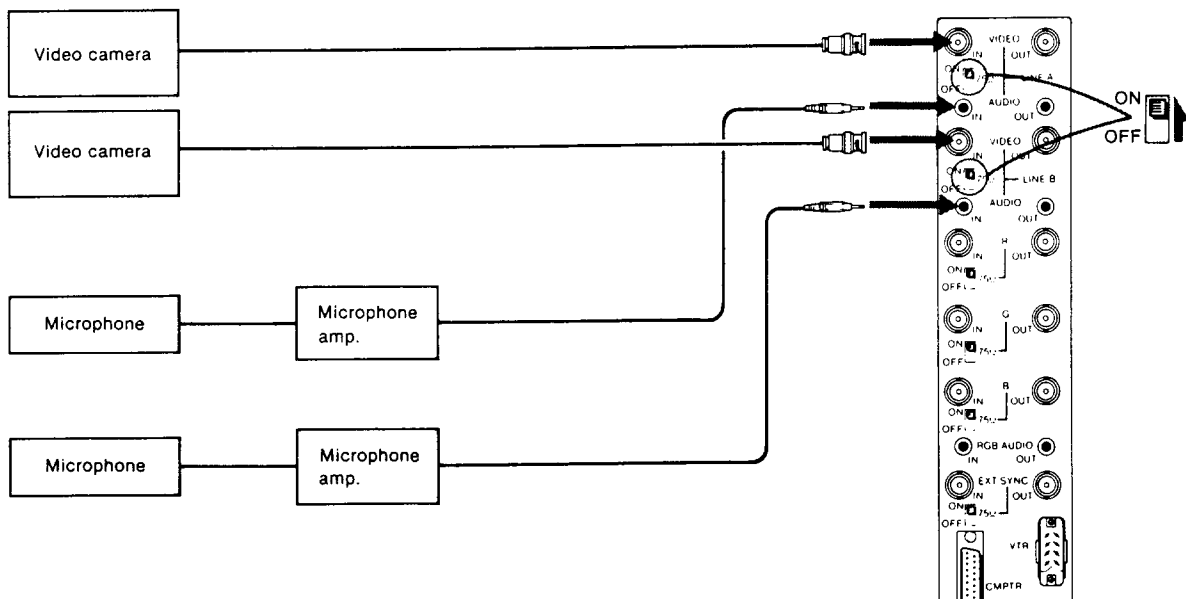
For connection, use the optional video cable, VMC-3P(3 m), -5P(5 m), -10P(10 m), -25P(25 m) or -50P(50 m).

CONNECTING A VIDEO TAPE RECORDER

**Note**

When monitoring the picture at fast speed, the picture may roll vertically or become monochrome.

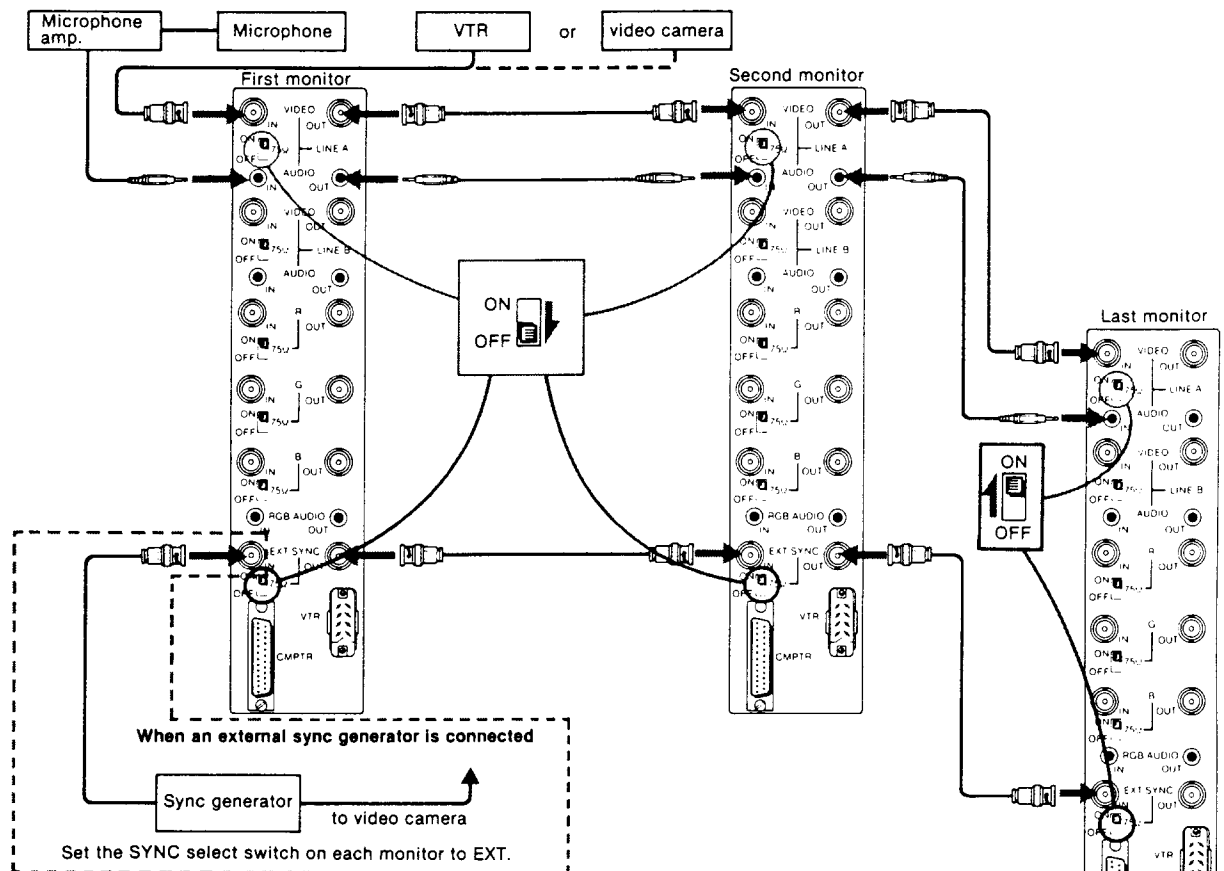
CONNECTING A CAMERA AND A MICROPHONE



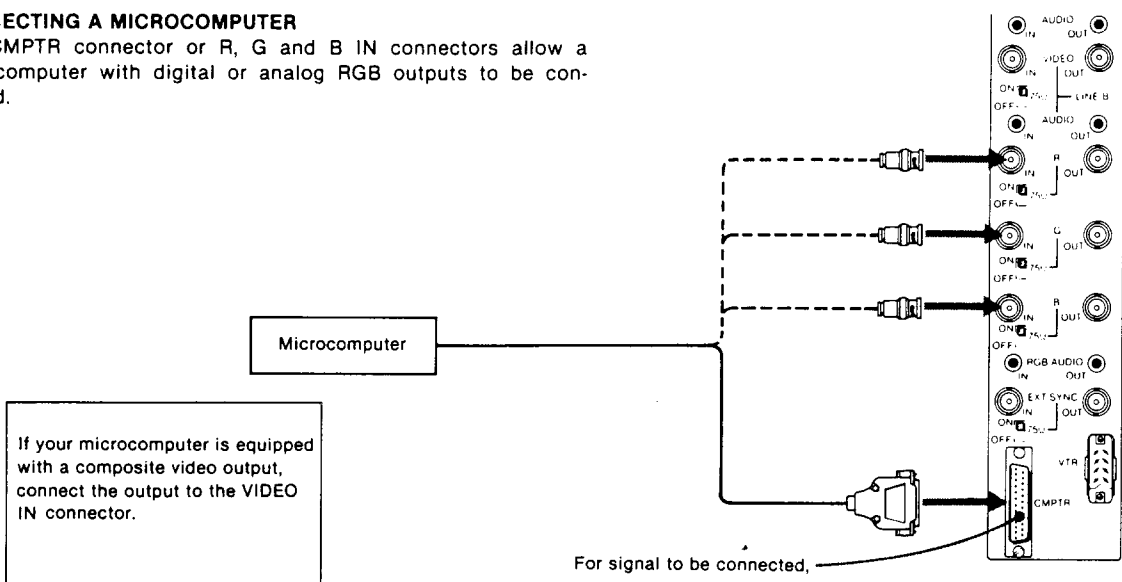
MULTIPLE MONITOR CONNECTION

Up to 10 monitors may be connected. Set the 75Ω termination switch of the **last monitor** to ON, and that of the other monitors to OFF.

The LINE A or LINE B input select button on each monitor should be pushed in.

**CONNECTING A MICROCOMPUTER**

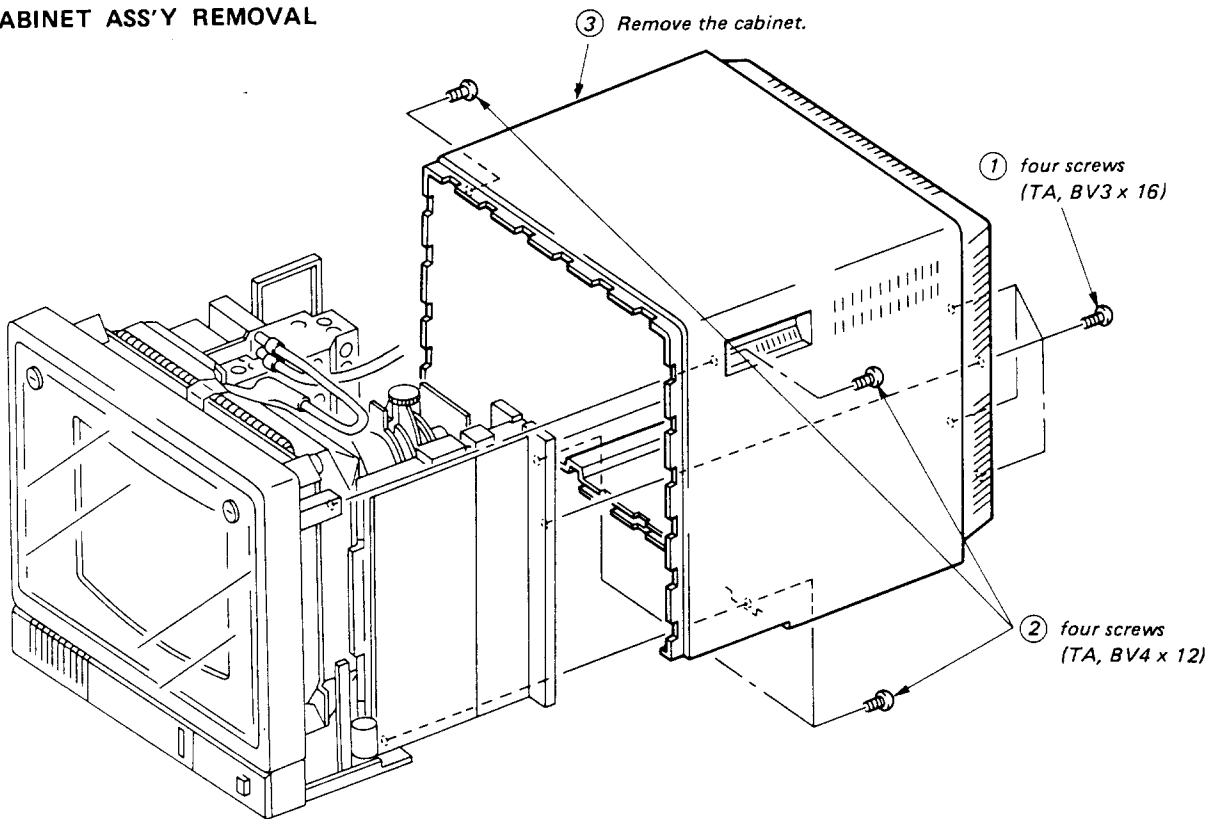
The CMPTR connector or R, G and B IN connectors allow a microcomputer with digital or analog RGB outputs to be connected.



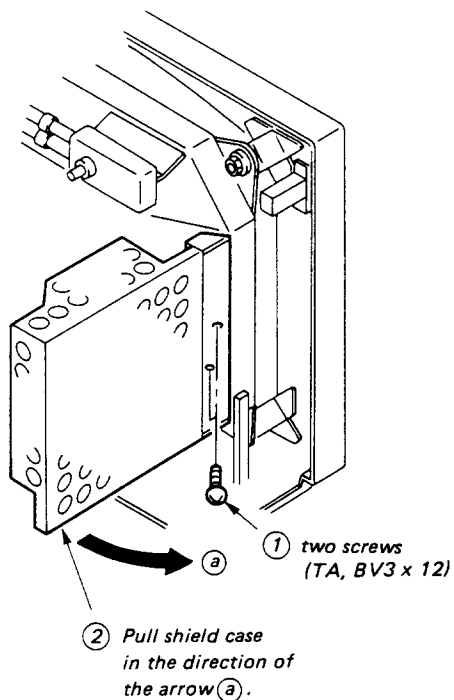
SECTION 2 DISASSEMBLY AND REPLACEMENT

Note: Follow the disassembly procedure in the numerical order given.

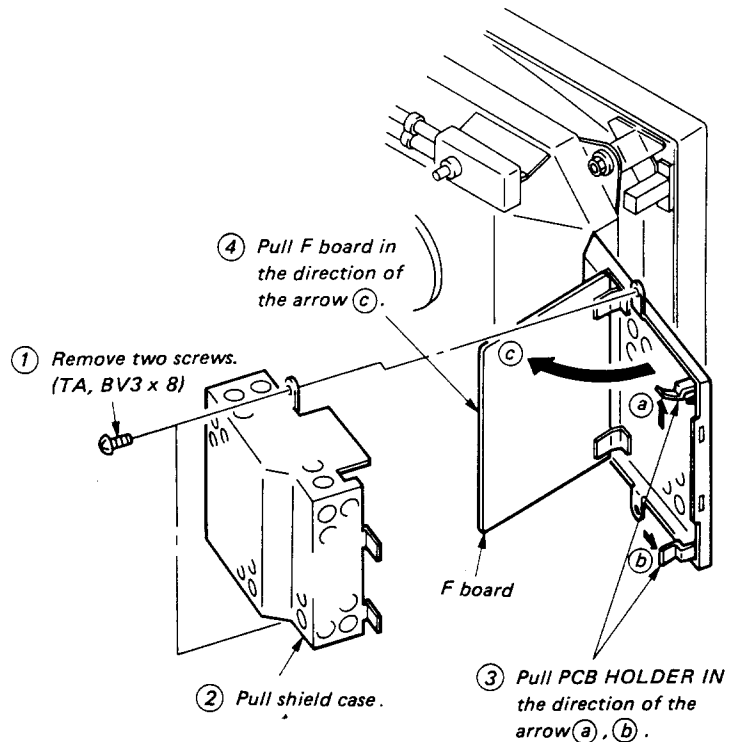
2-1. CABINET ASS'Y REMOVAL



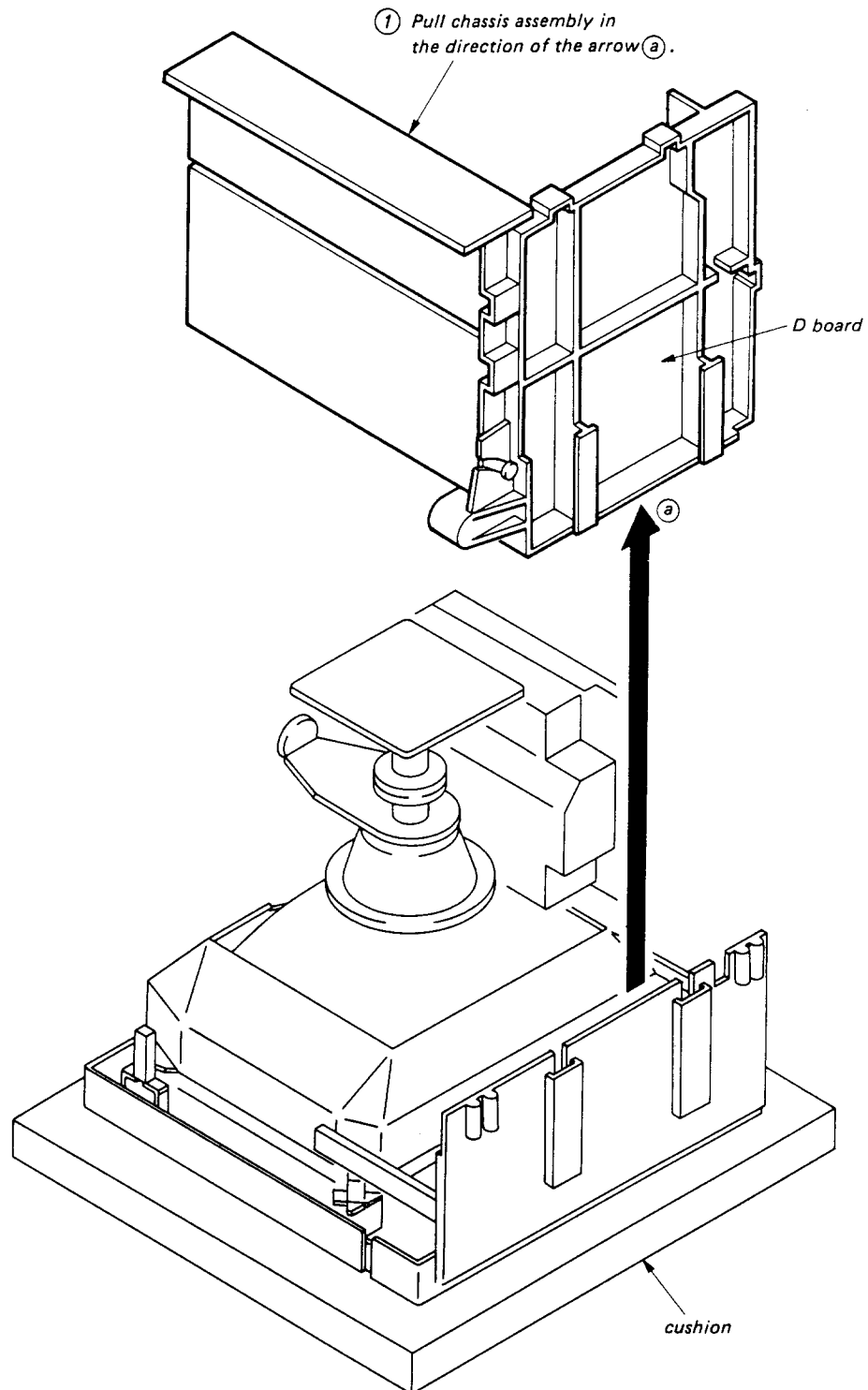
2-2. F BOARD SHIELD CASE ASSEMBLY REMOVAL



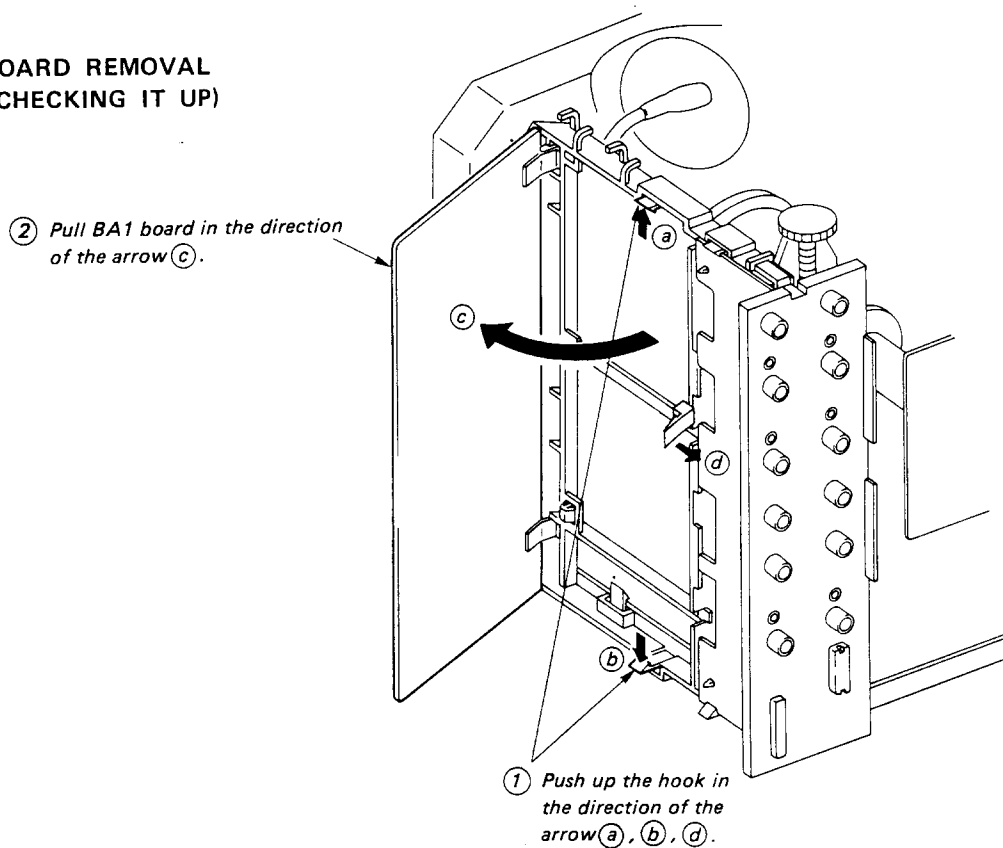
2-3. F BOARD ASSEMBLY REMOVAL (FOR CHECKING IT UP)



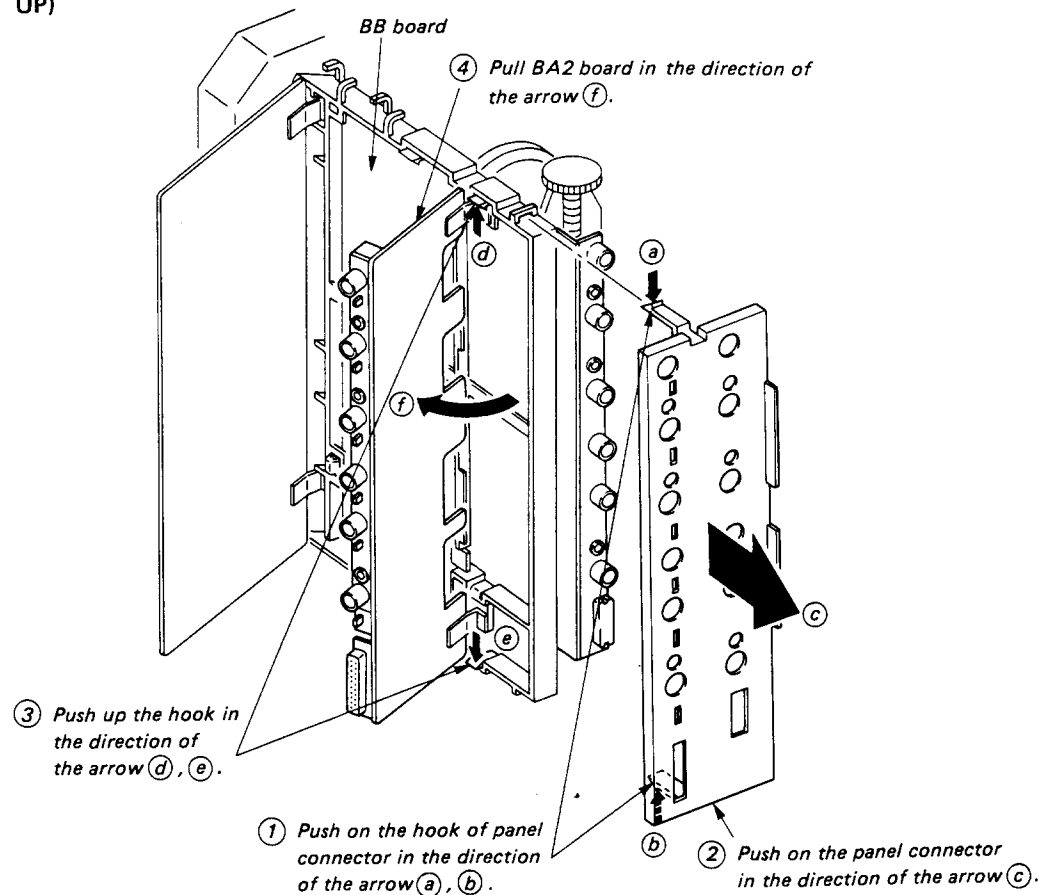
2-4. D BOARD BRACKET ASSEMBLY REMOVAL



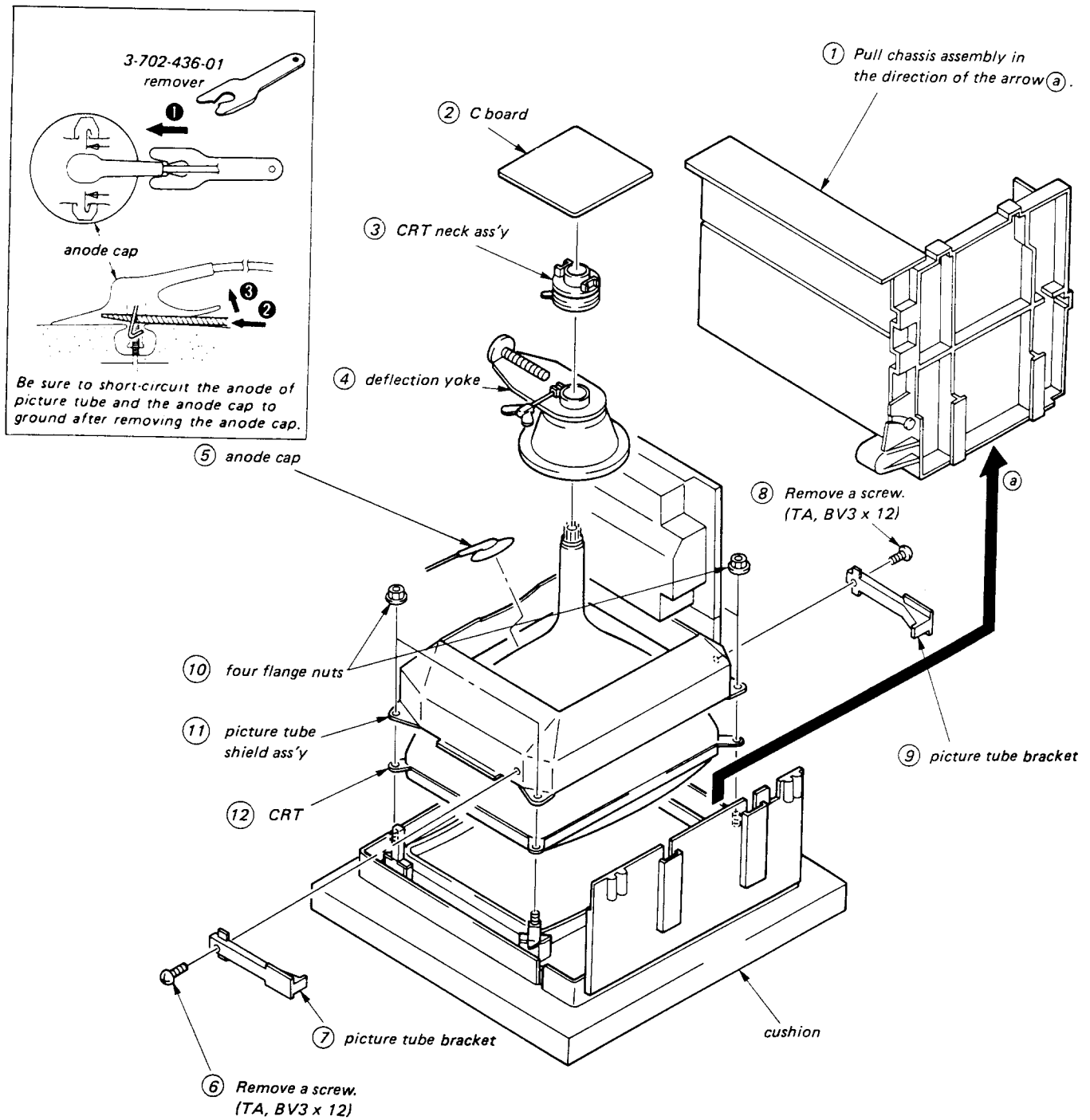
2-5. BA1 BOARD REMOVAL (FOR CHECKING IT UP)



2-6. BA2, BB BOARD ASSEMBLY REMOVAL (FOR CHECKING IT UP)

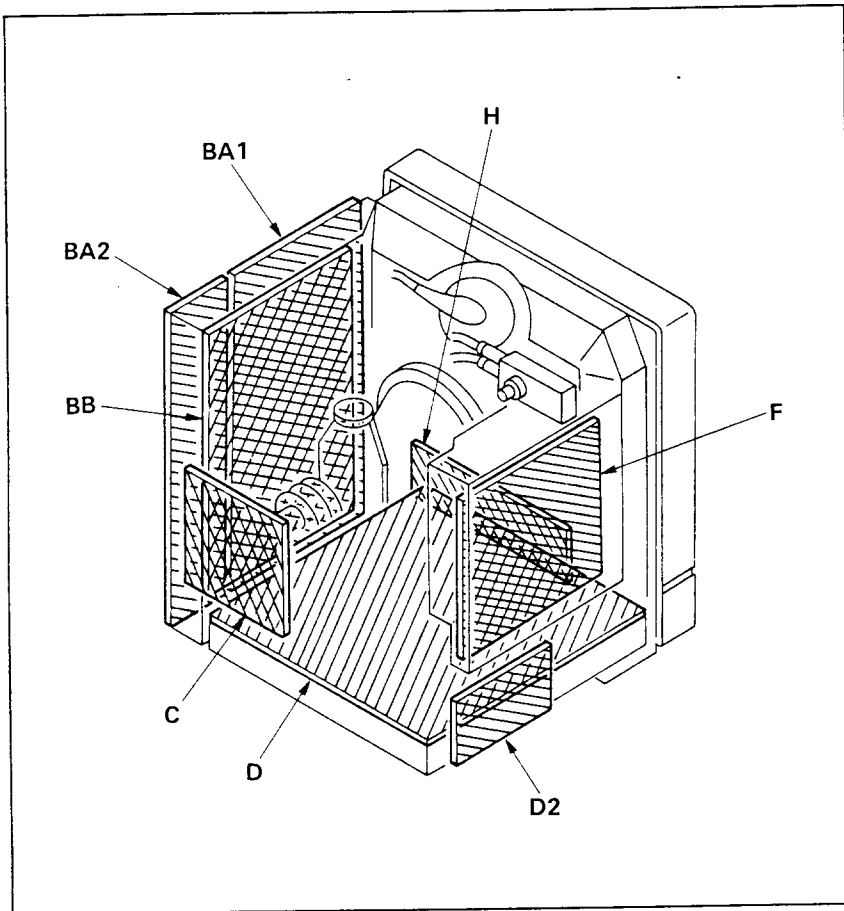


2-7. PICTURE TUBE REMOVAL

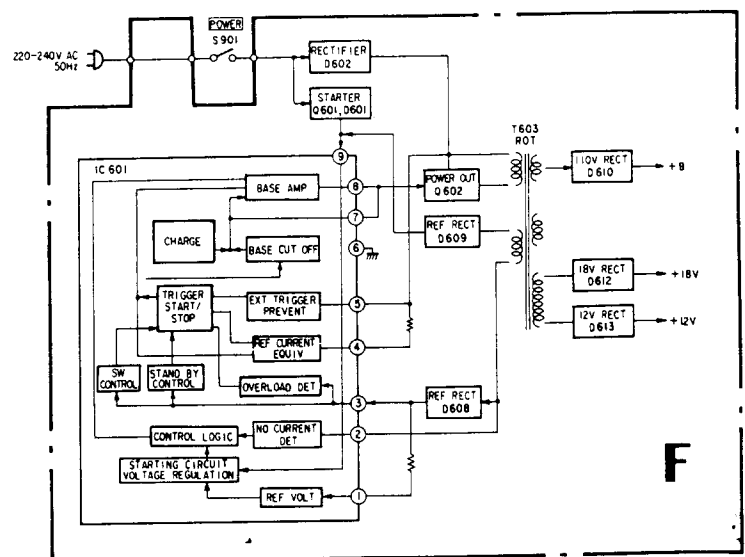
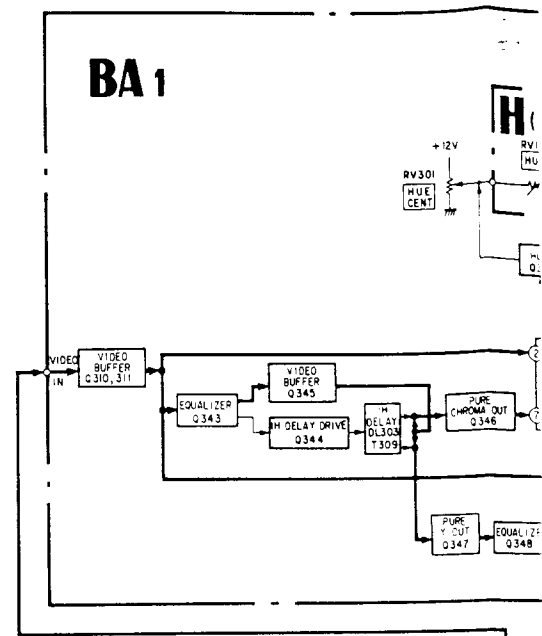


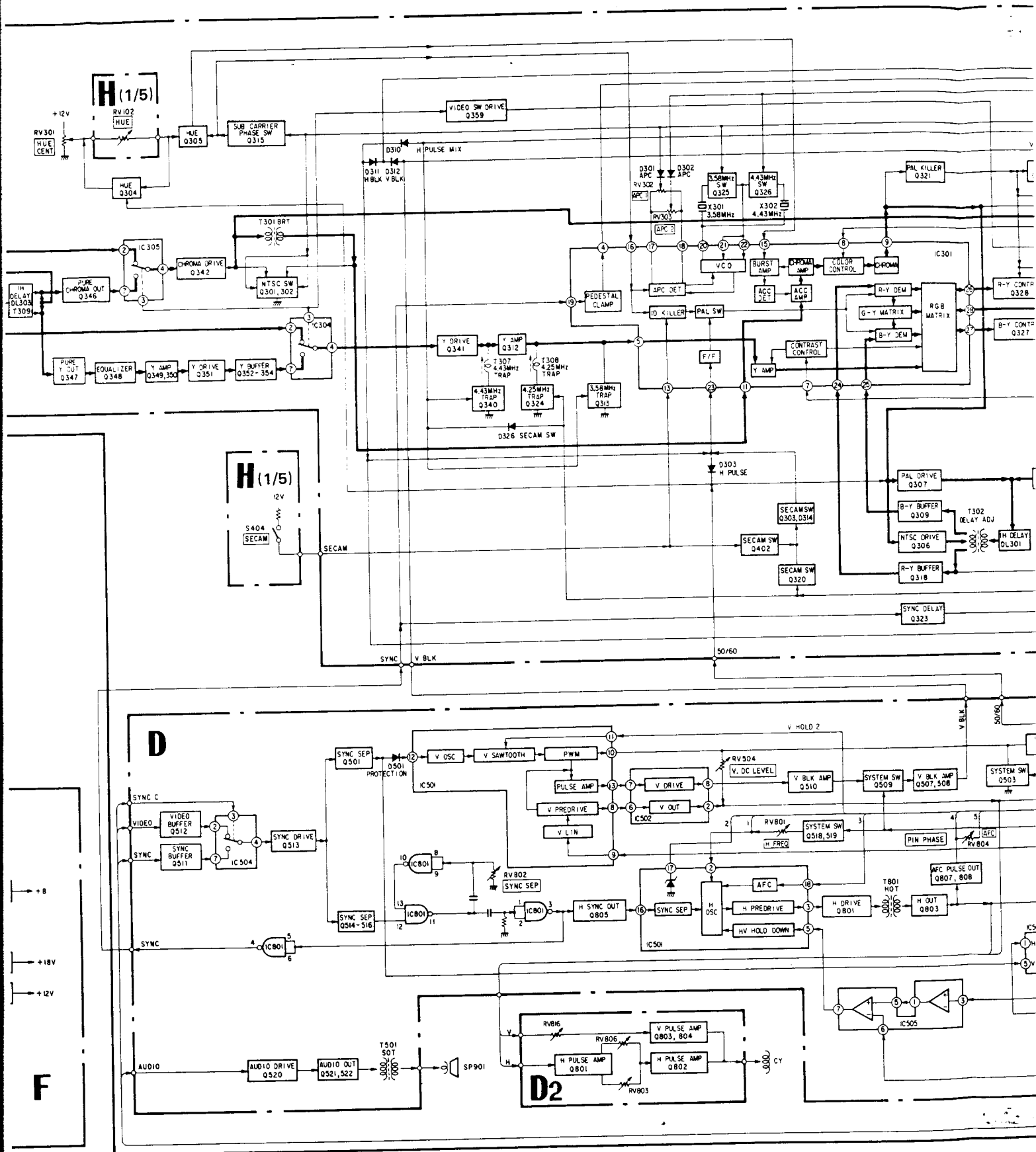
SECTION 3 DIAGRAMS

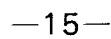
3-1. CIRCUIT BOARDS LOCATION



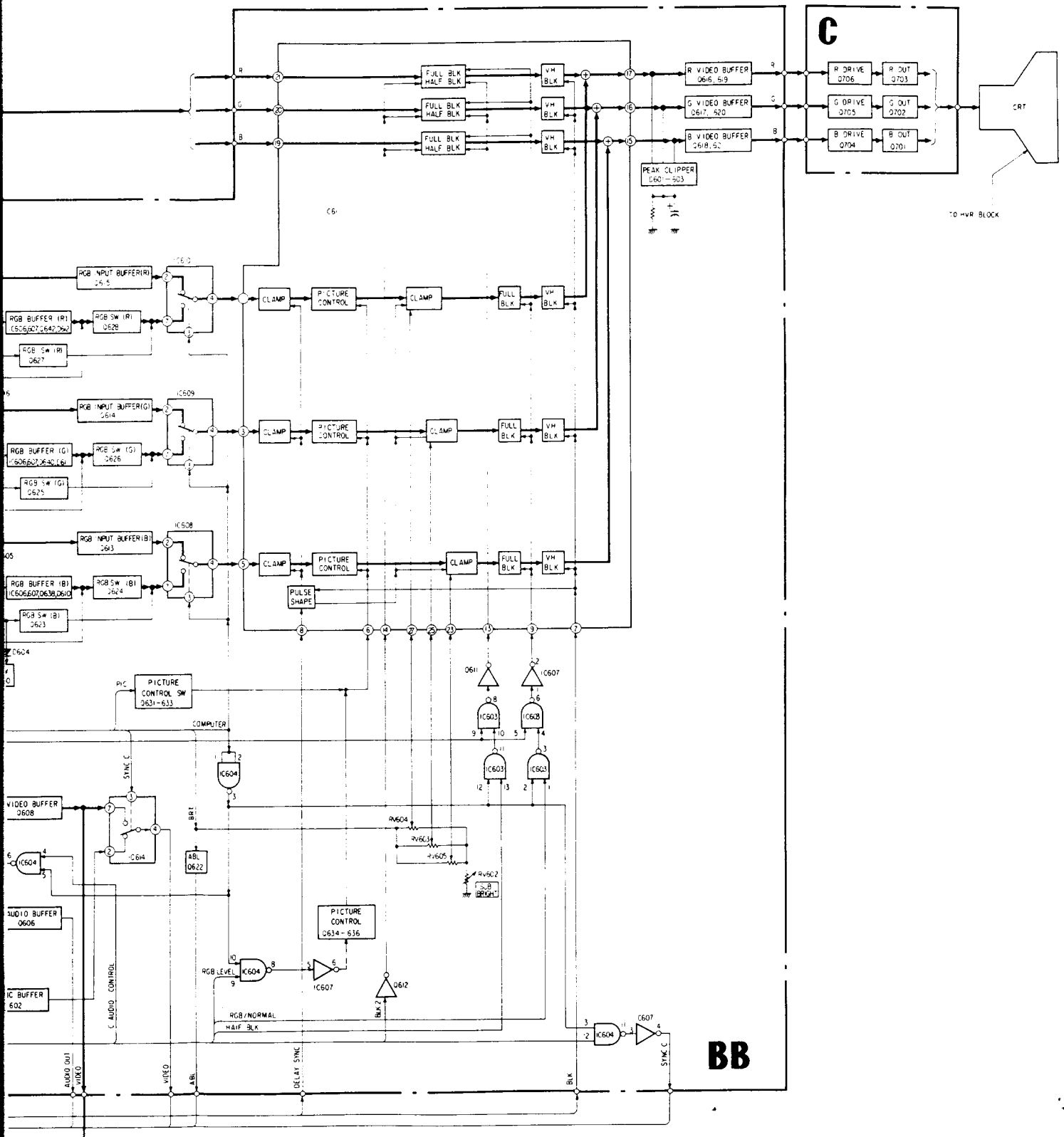
3-2. BLOCK DIAGRAM





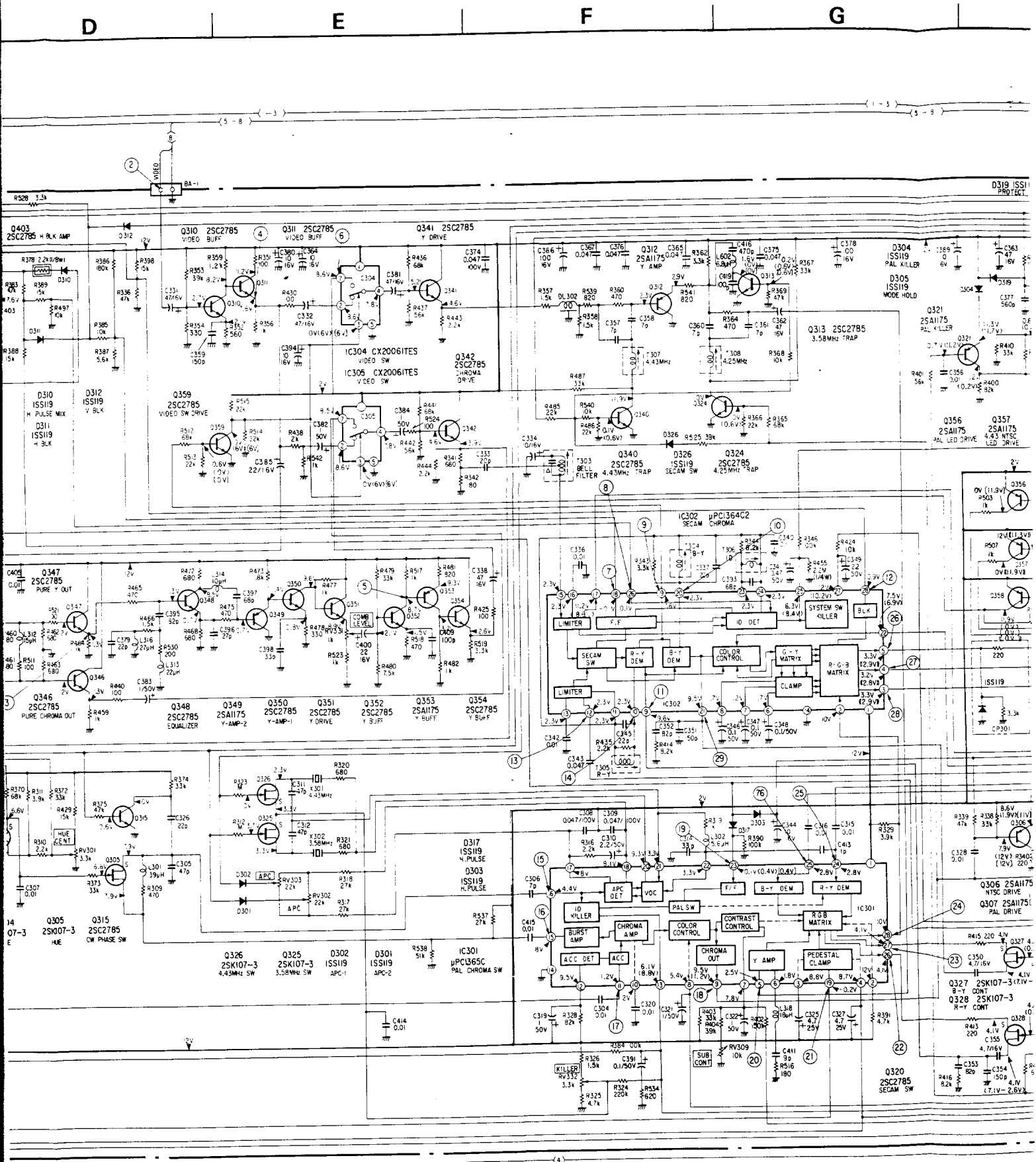




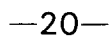


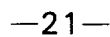
D



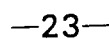


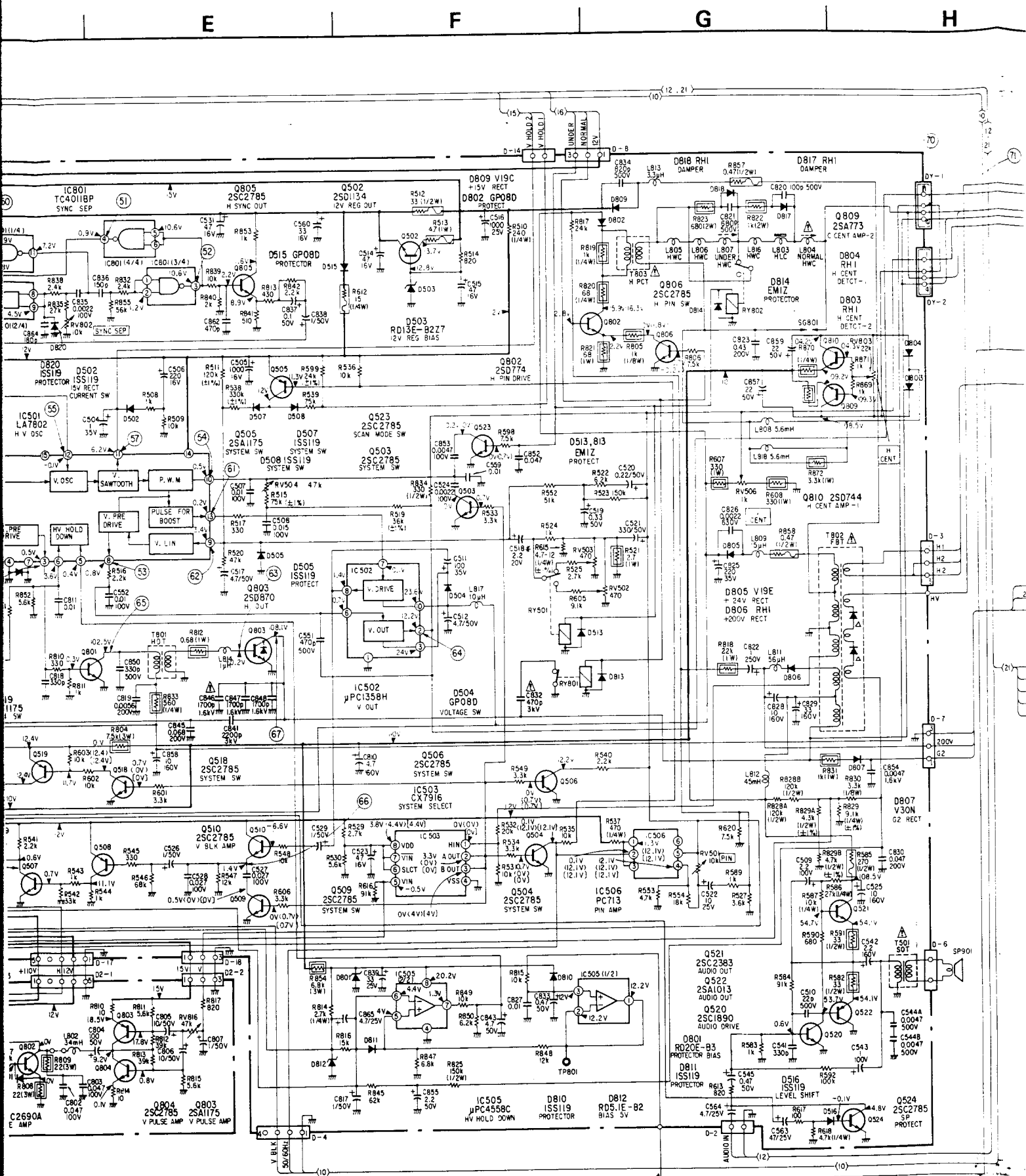
K

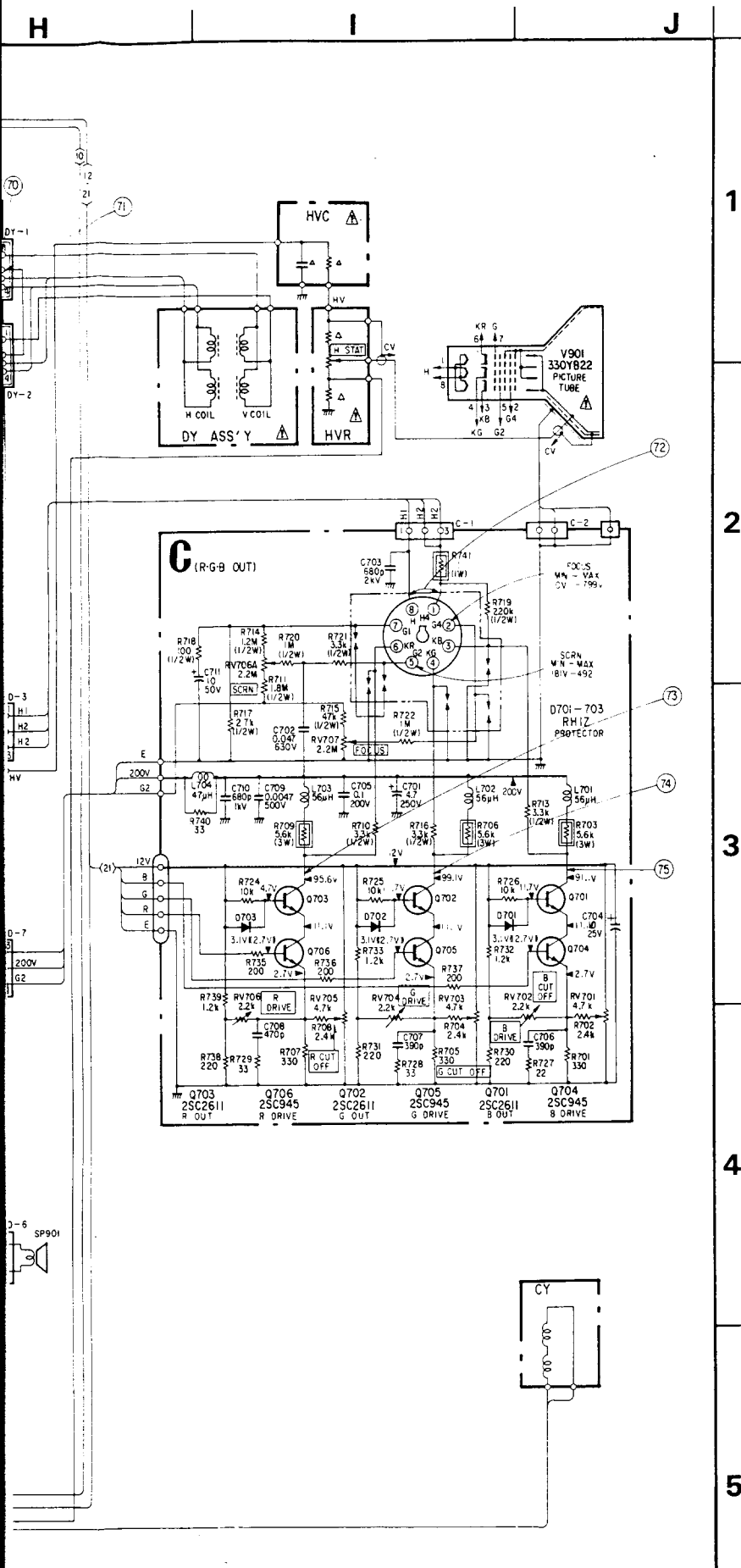

















Note: The components identified by shading and mark  are critical for safety. Replace only with part number specified.

Note:

- All capacitors are in μF unless otherwise noted. p : μF 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, 1/6W unless otherwise noted. k : 1000 Ω , M : 1000k Ω
- On C board all resistors are in ohms, 1/4W unless otherwise noted. k Ω : 1000 Ω , M Ω : 1000k Ω
-  : nonflammable resistor.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
-  : fusible resistor.
- Δ : internal component.
-  : panel designation.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a 10M Ω digital multimeter.
- Voltage variations may be noted due to normal production tolerances.
- Readings are taken with a color-bar signal input.
-  : adjustment for repair.
- Voltage on F board is taken with Q602 Emitter.
- no mark : with NTSC3.58 color-bar signal received.
- () : with SECAM color-bar signal received.
- [] : with PAL color-bar signal received.
- (()) : with NTSC4.43 color-bar signal received.
- * Selected to yield optimum performance.

3-4. PRINTED WIRING BOARDS

— Conductor Side —

C

[R-G-B OUT]

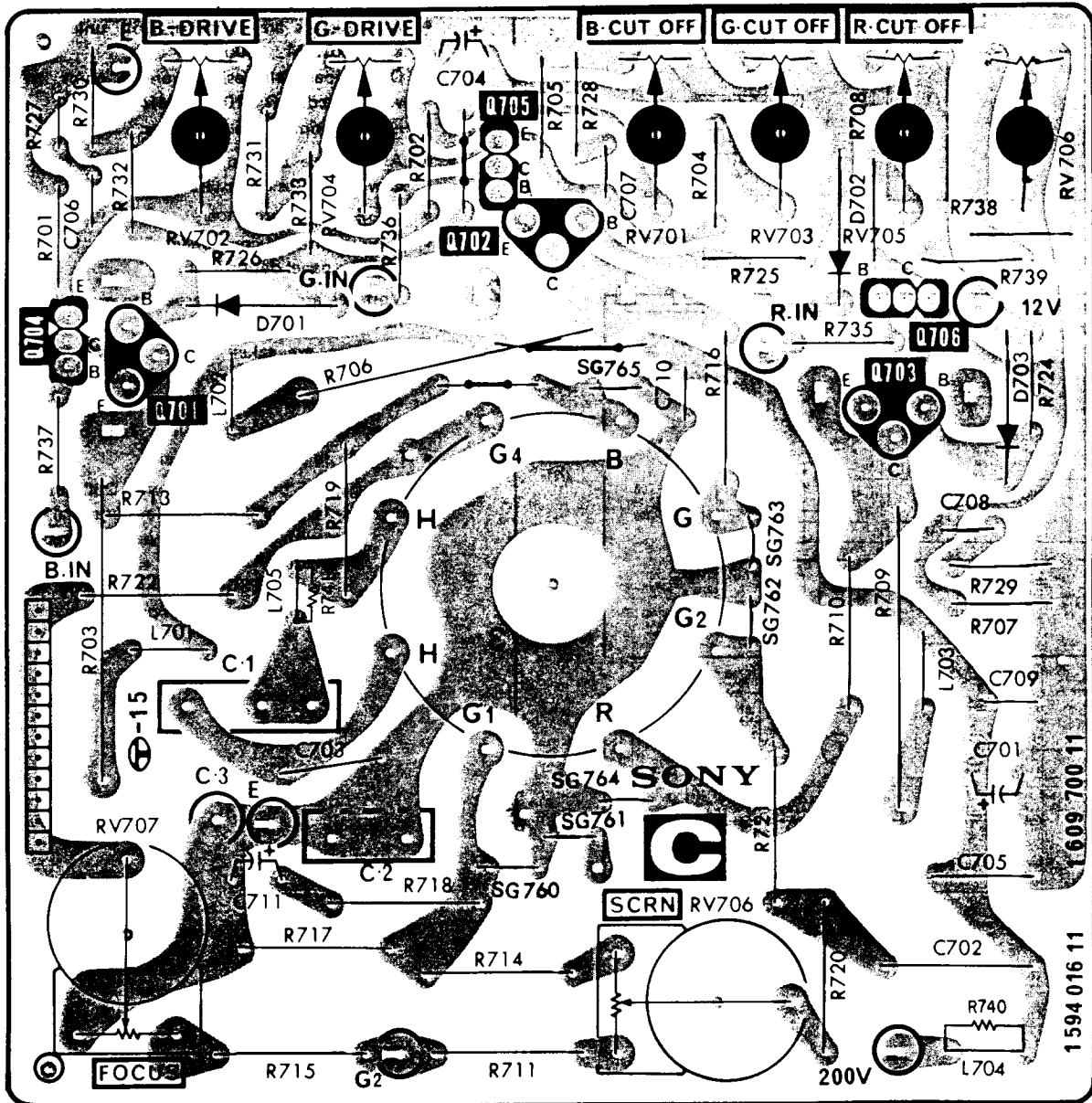
A

B

C

D

— C Board —



BA2

H

SONY BA

1-609-386

H

BA2

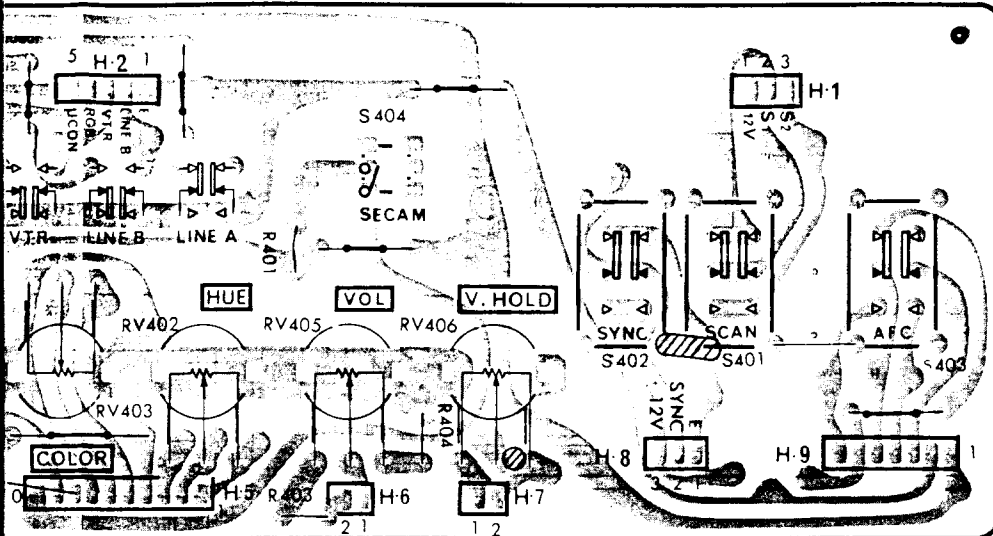
H

1

J

K

L



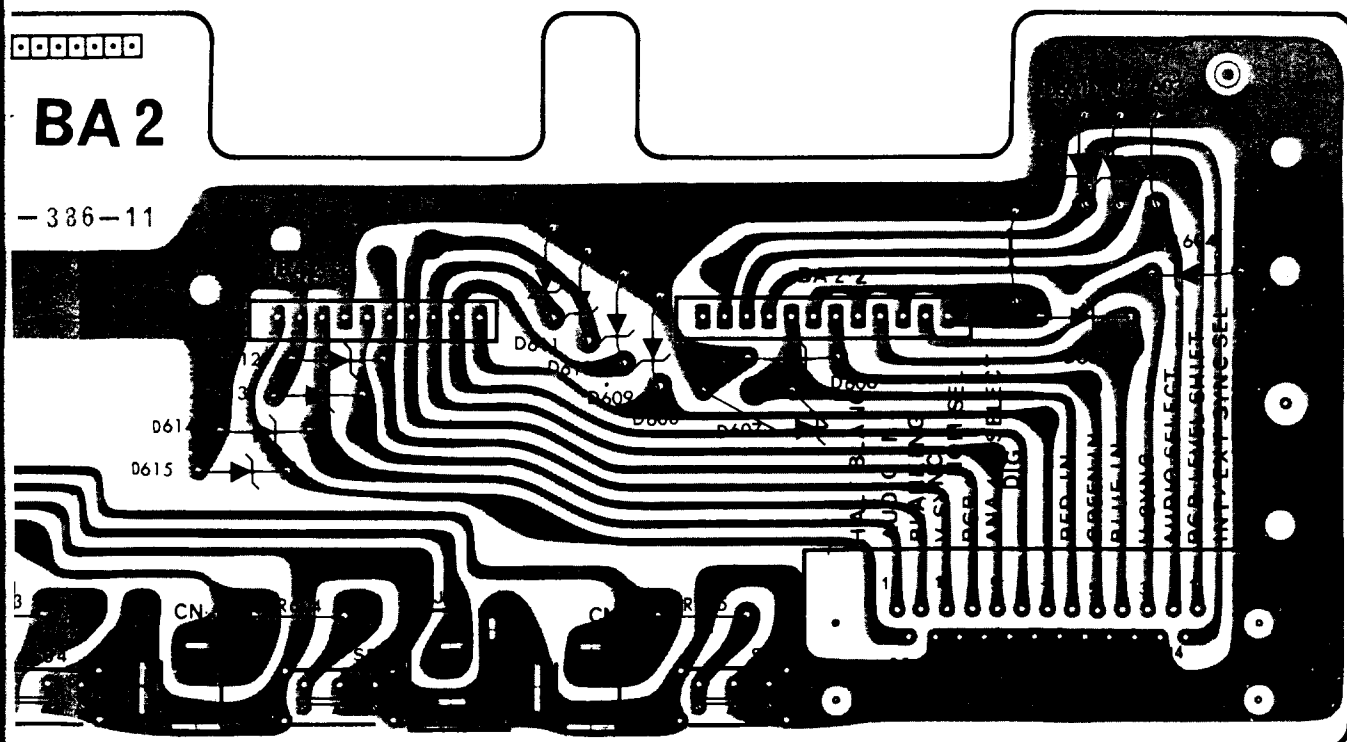
1

2

3

1

5



[POWER]

F

A

B

C

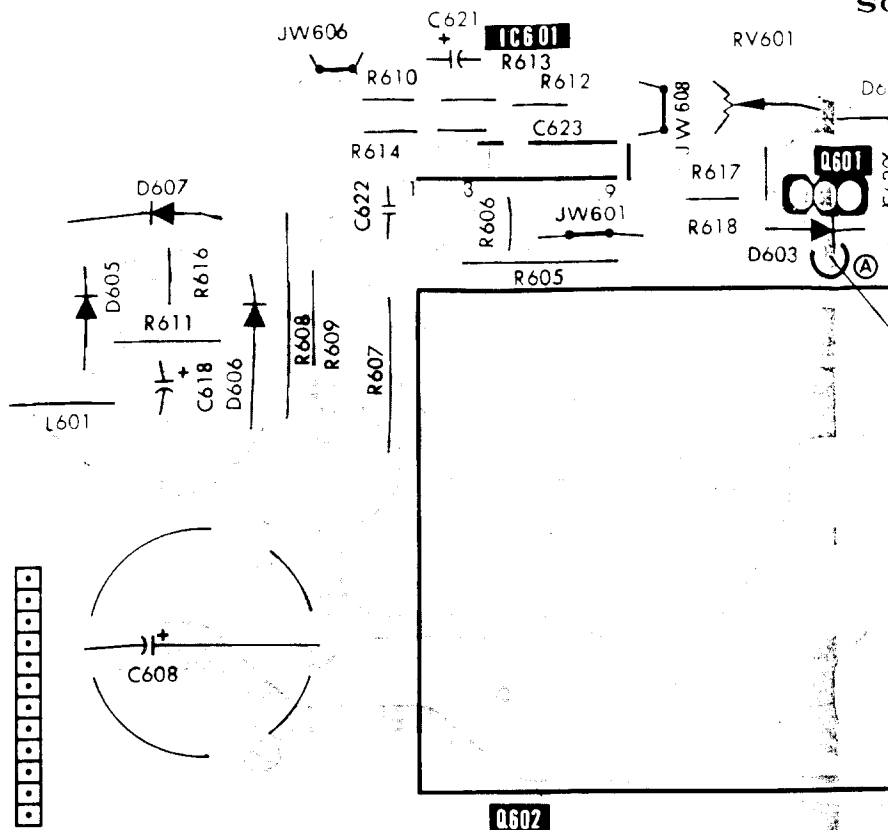
D

— F Board —

1-609-113-11

F

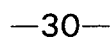
SC



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 Oxfordshire, OX9 4QY.
 Tel (01844) 351694
 Fax (01844) 352554
 email:- mauritron@dial.pipex.com

F

H



[SYNC SEP, H. OUT,
V. OUT, AUDIO OUT]

D

C

A

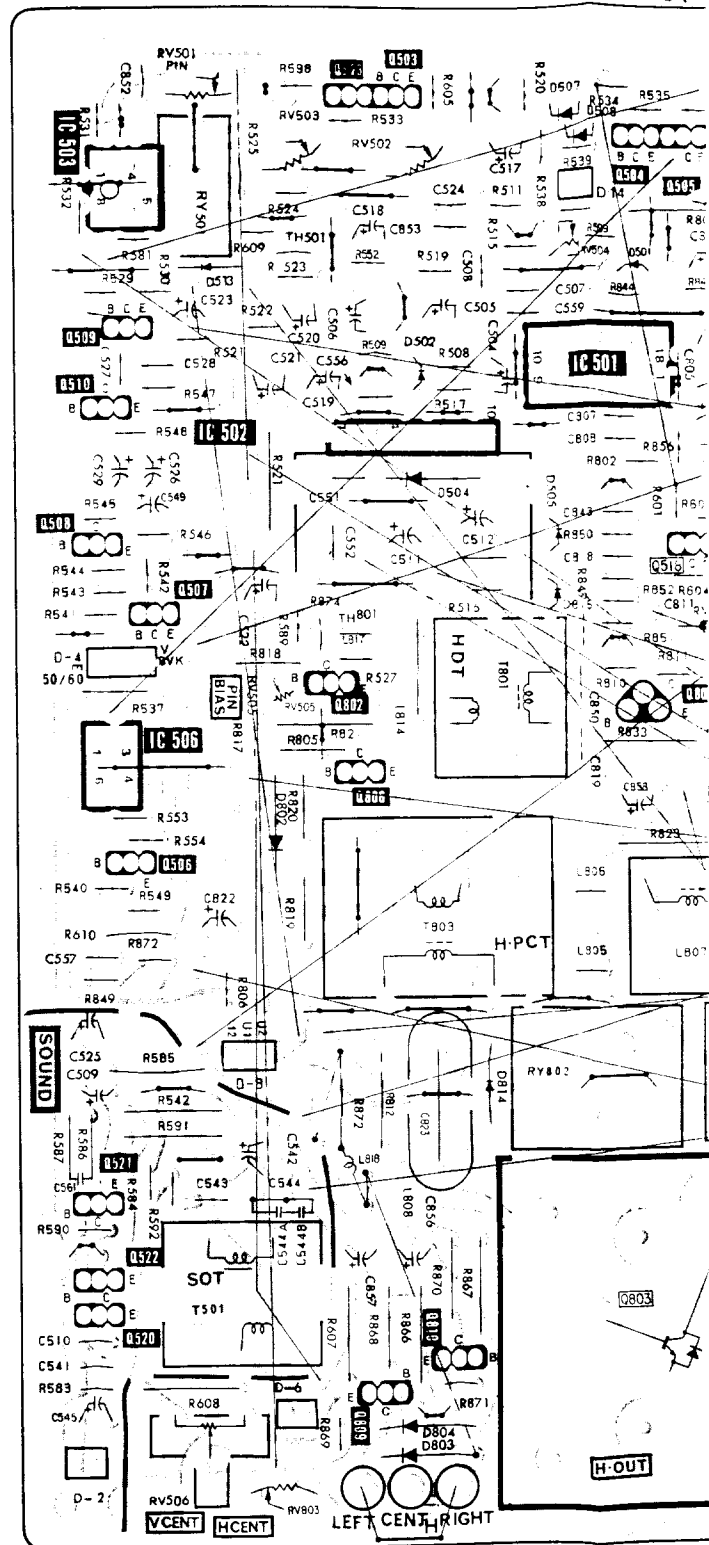
B

C

D

— D Board —

Q, IC	D	ADJ
523 503 504 ⁵⁰¹ 505 IC503	507 508 513 ⁵⁰¹ 509 IC501 510 IC502 IC801 514 508 519 518 905 513 IC504 507 IC505 801 IC506 806 807,808 506	RV501 RV503 RV502 RV504 RV802 RV801 RV505 RV804 RV506 RV803
Q, IC	D	ADJ



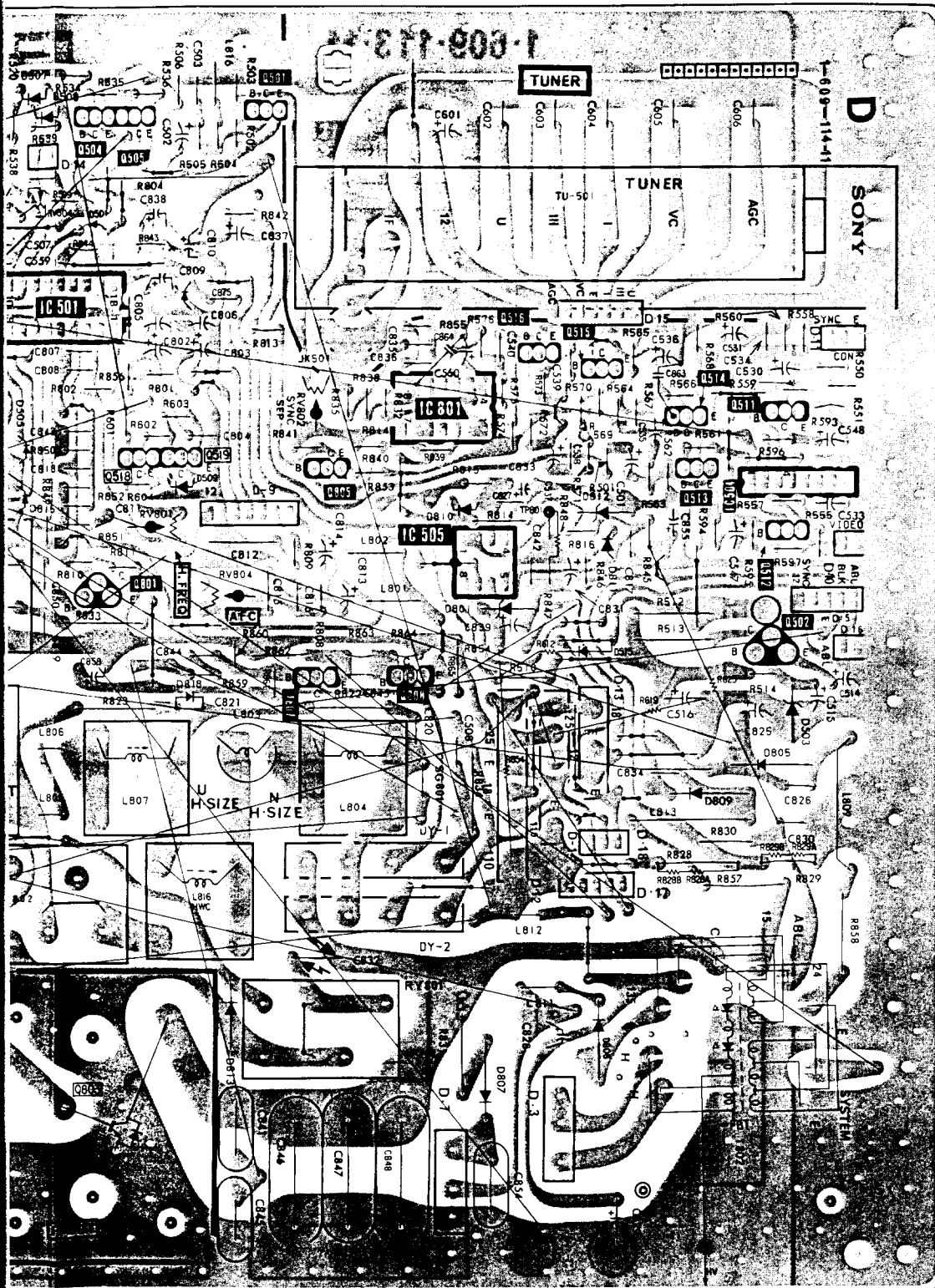
D

E

F

G

H



BB

[INPUT, SELECT, BLK]

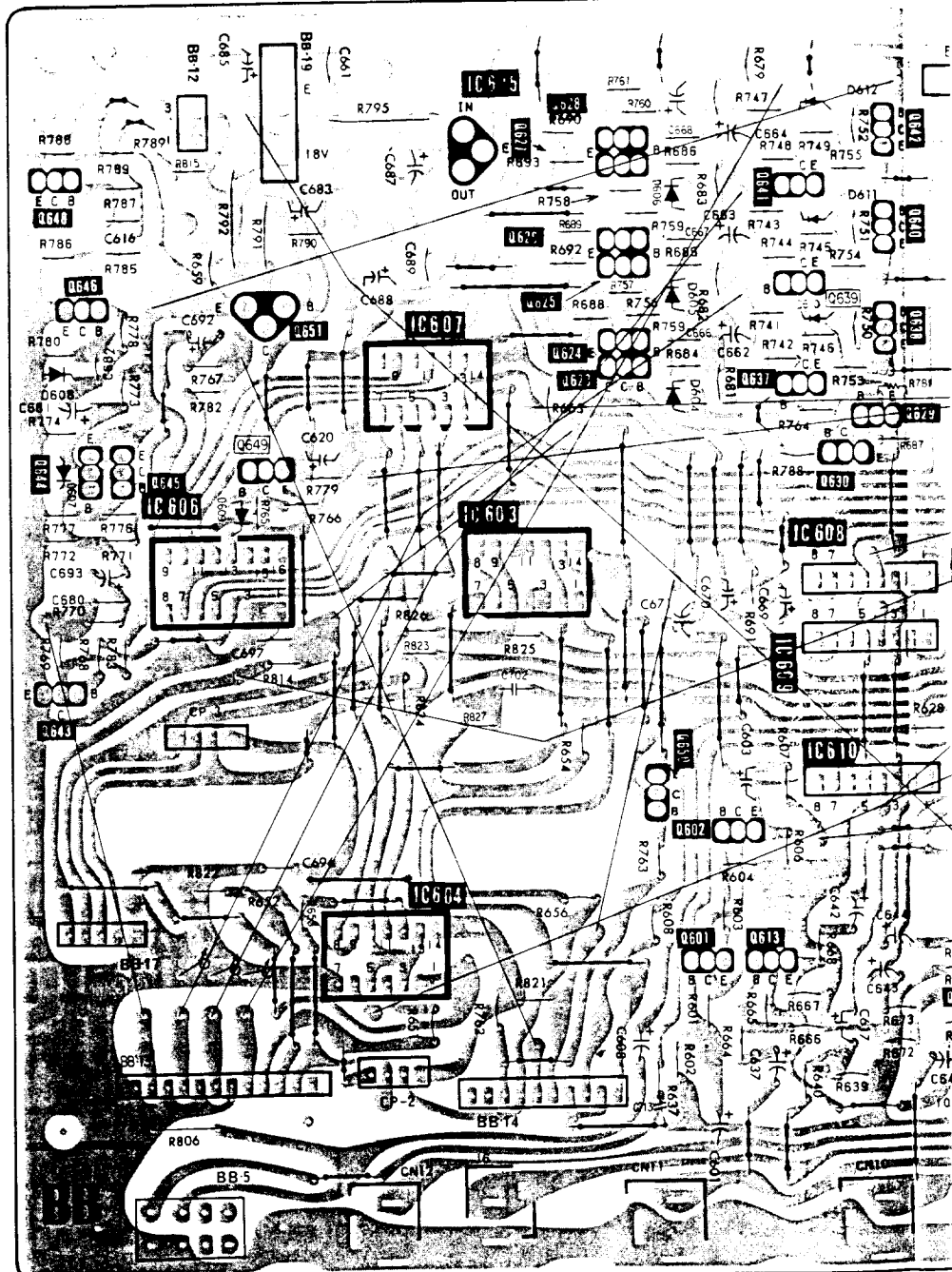
A

B

C

D

Q.	646	651	10615	629 627	54.	542
IC	643 644 645	10606 649	10607	625 625 623	539 637	540 538
			10603	650	630 629	6508 6510
		10604		601 602 613		
D	608 607	609		605 604	5 2 5	
ADJ						



B

BB

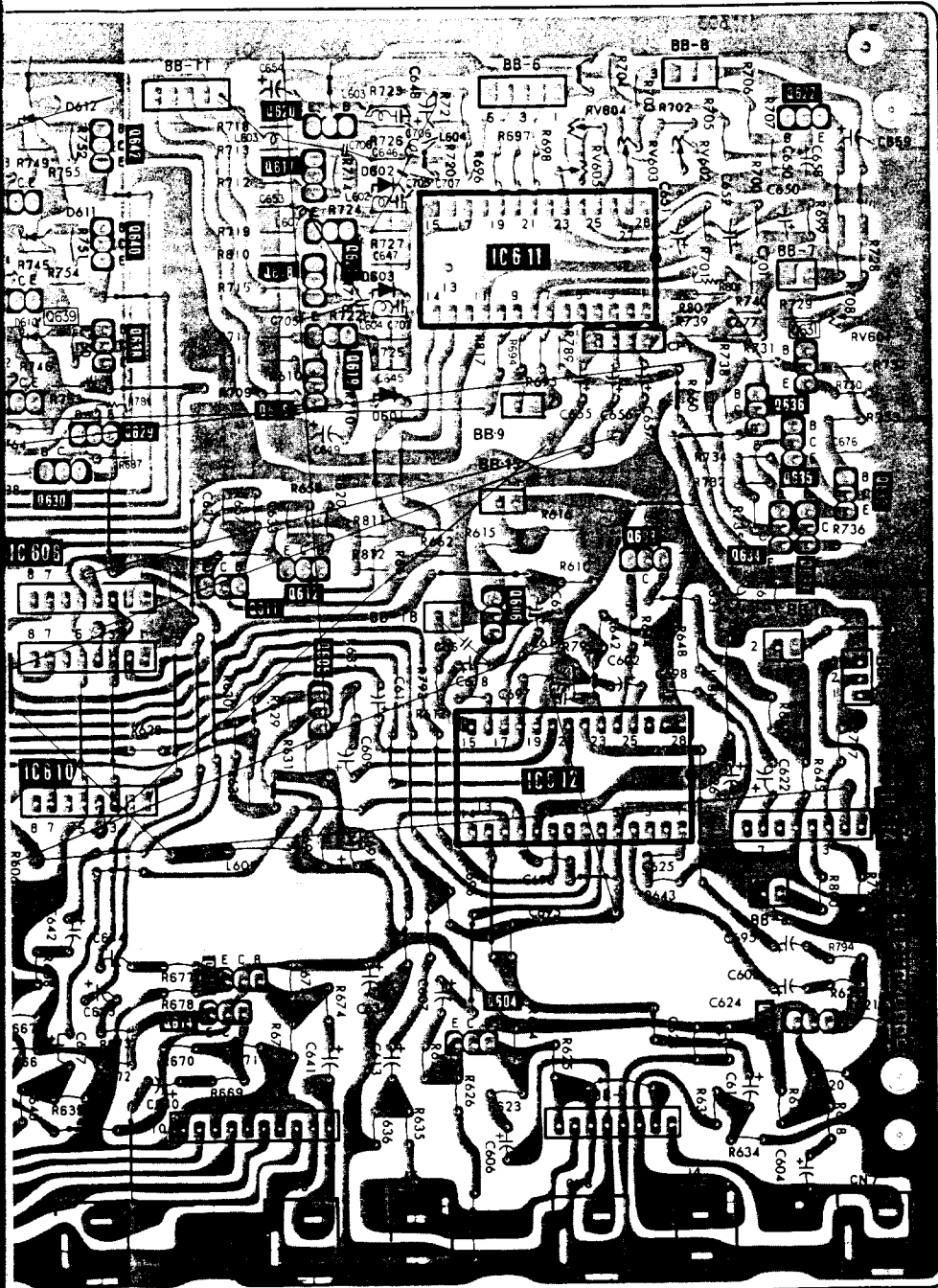
E

F

G

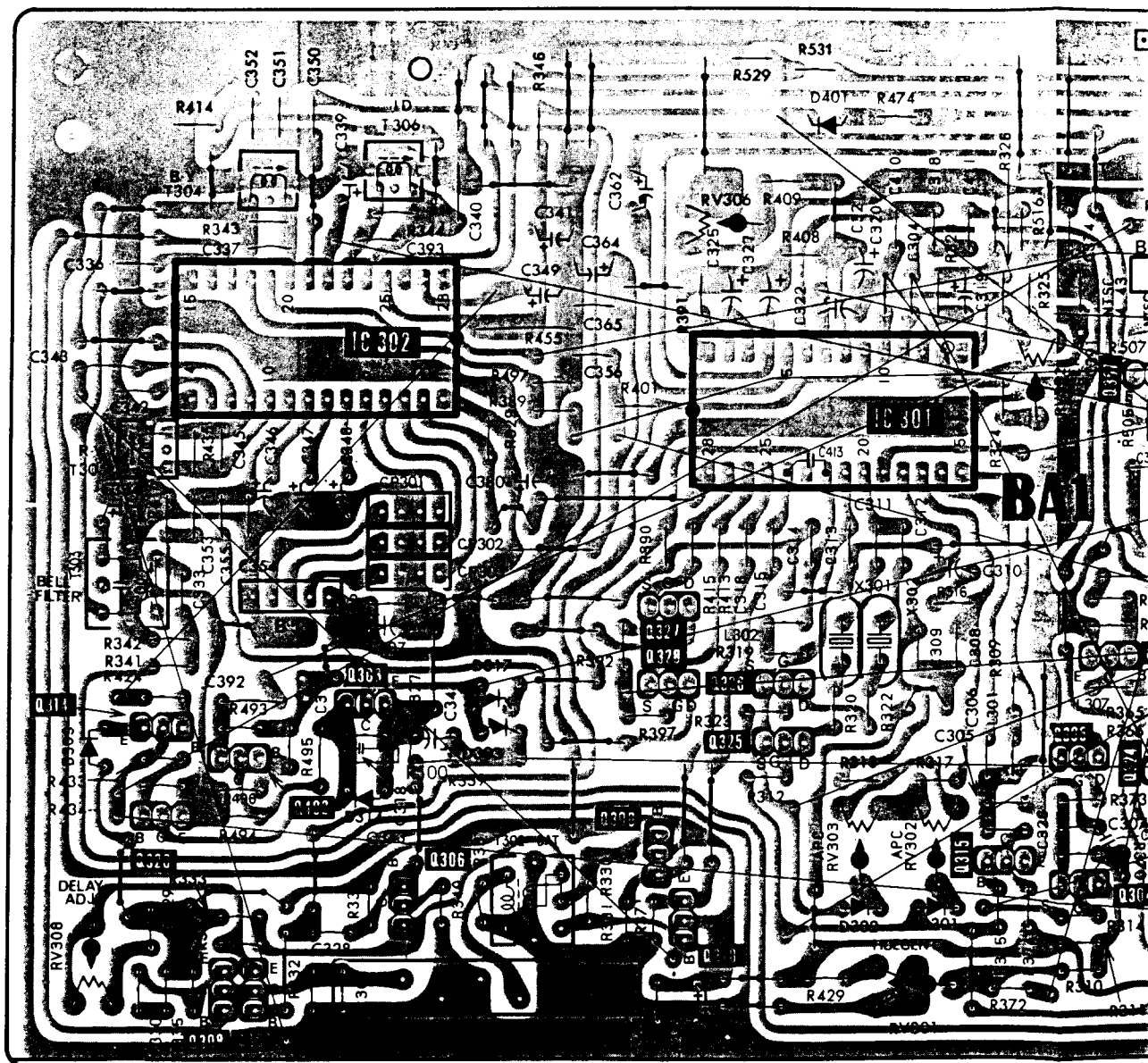
H

641	642	617	620			622	
639	640	618	621	IC611		631	Q,
637	638	619				634	IC
IC608		612	605	606	IC612	608	
IC610						IC614	
	611					603	
	614	615		604			
612	611		602				D
610			601	603			
				RV605	RV604	RV603	RV602
						RV601	ADJ



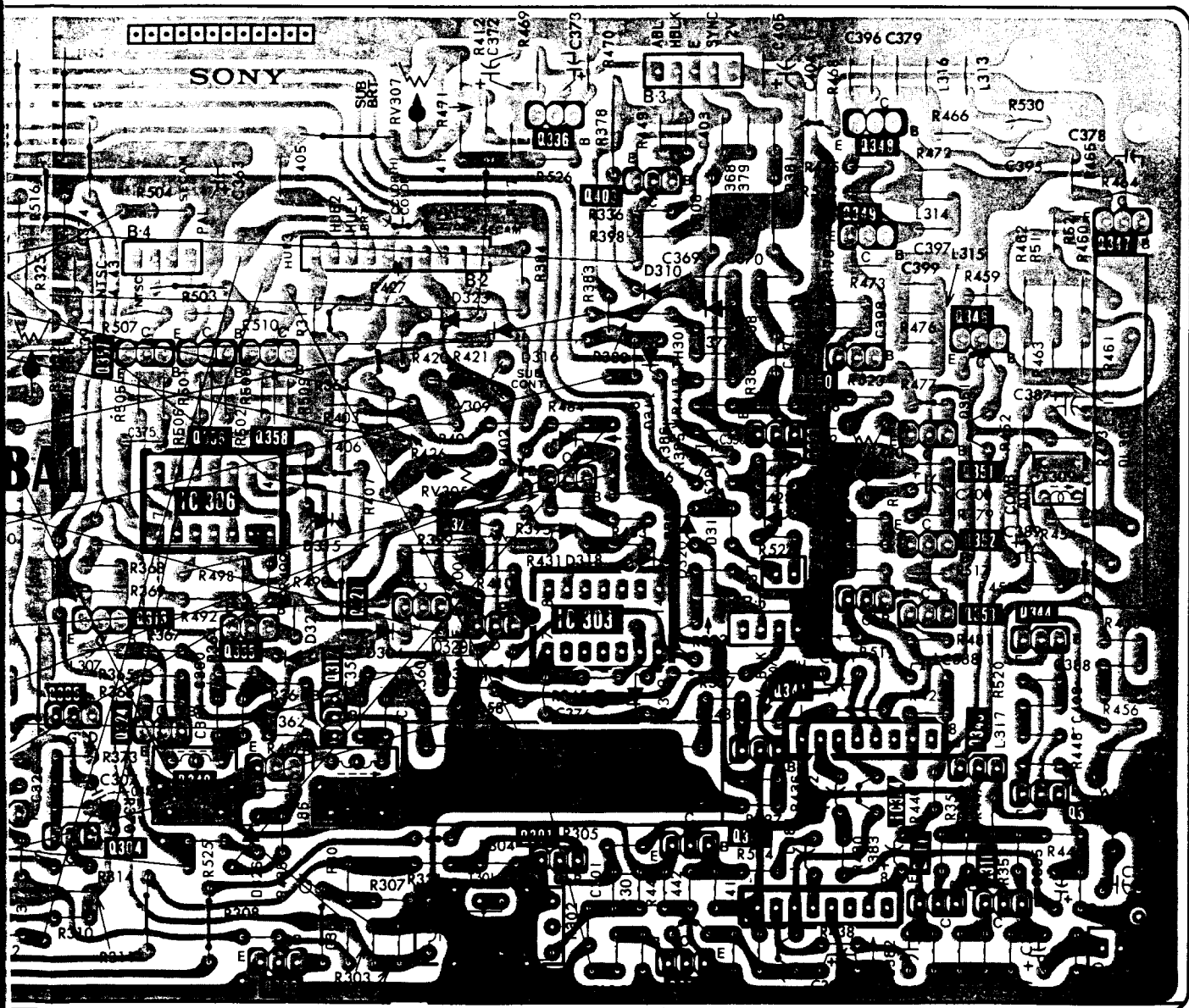
[3.58/4.43 NTSC/PAL/SECAM,
MODE SELECT, Y, CHROMA]**BA1**

	A	B	C	D
1	— BA1 Board —			
Q, IC	314 ₃₂₀ 402 308,307	IC302 303 306	327 ₃₂₈ 326 ₃₂₅ 309 ₃₁₈	IC301 401 315 305 ₃₁₃ 304
D	309	314 317 ₃₀₃	RV306 302 301	RV332
ADJ	RV308		RV303 RV301 RV302	



BA 1

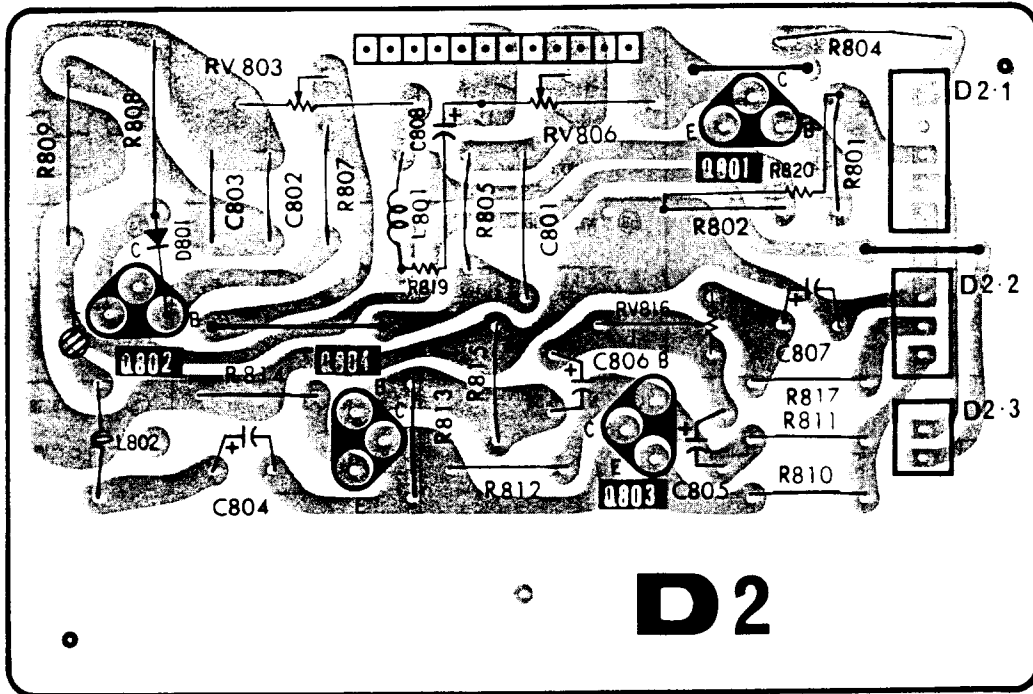
D	E	F	G	H
15	357 356 358 305 313 324 355 304 340 312 302	336 403 322 329 301 303	349 348 346 350 352 351 345 344 354 304 353 343	347 Q, IC
	326 325 315 304	323 316 324 318 305	310 311 308 312 306 320 319	D
RV332		RV307 RV305 RV309	RV331	RV330 ADJ



[H/V PULSE AMP]

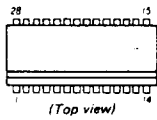
D2**A****B****C****D**

— D2 Board —

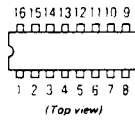


3-5. SEMICONDUCTORS

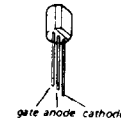
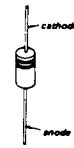
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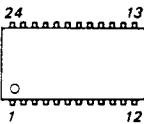
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2SA1175F
2SC2785

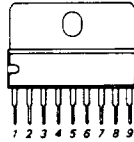
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RH1
RH1A
RH1Z
SIB01-02

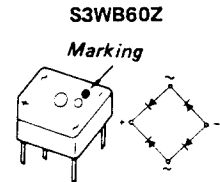
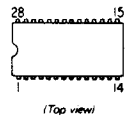
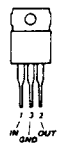
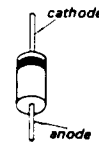
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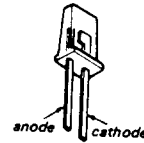
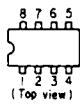
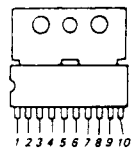
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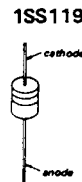
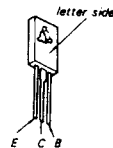
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1S1555
1S2076
1SS82
1SS83
ERD28-08
RD13E-B
RD13E-B2
RD13E-B2Z7
RD20E-B3
RD5.1E-B2
RD6.8E-B2CX22019
 μ PC1364C2
 μ PC1365C μ PC78M05H2SC1815
2SC1890
2SC945
2SC2551

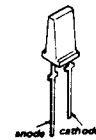
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CX7916
 μ PC4558C μ PC1358H

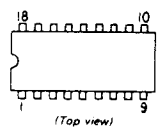
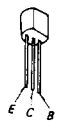
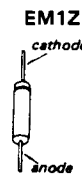
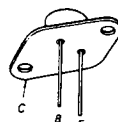
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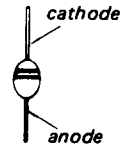
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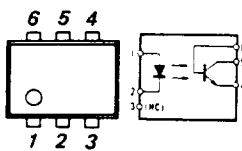
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2SC23832SD811
2SD898B

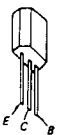
U05G



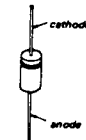
PC713



2SA1027R



2SD1134

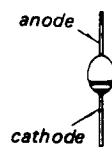
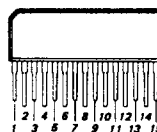
ERA81-004
GP08D

V19B

V19C

V19E

V30N

SN7406N
SN74LS00N
TC4011BP
TC4023BC
 μ PD4024BC2SA1048
2SC2458
2SC2603

2SK107



PR5525S



3-6. WAVEFORMS

① NTSC 3.58 3.5V p-p (H)	⑨ NTSC 3.58 9V p-p (H)	⑬ SECAM 0.4V p-p (H)	⑰ NTSC 3.58 0.4V p-p (H)	⑳ PAL 5.8V p-p (H)	⑳ NTSC 3.58 1V p-p (H)
② NTSC 3.58 1.6V p-p (H)	⑩ NTSC 3.58 0.75V p-p (H)	⑭ NTSC 3.58 0.7V p-p (H)	㉔ NTSC 3.58 1.4V p-p (H)	㉔ SECAM 5.8V p-p (H)	㉔ NTSC 3.58 1V p-p (H)
② PAL 1.4V p-p (H)	⑩ PAL 0.8V p-p (H)	⑮ NTSC 3.58 1.2V p-p (H)	㉑ NTSC 3.58 2.6V p-p (H)	㉑ NTSC 3.58 7V p-p (H)	㉓ NTSC 3.58 2.5V p-p (H)
② SECAM 1.4V p-p (H)	⑩ SECAM 0.8V p-p (H)	⑮ PAL 1.8V p-p (H)	㉒ NTSC 3.58 0.5V p-p (H)	㉑ PAL 5.2V p-p (H)	㉔ NTSC 3.58 0.35V p-p (V)
③ NTSC 3.58 0.8V p-p (H)	⑪ NTSC 3.58 0.44V p-p (H)	⑯ NTSC 3.58 2V p-p (H)	㉓ NTSC 3.58 0.64V p-p (H)	㉑ SECAM 5.2V p-p (H)	㉕ NTSC 3.58 7V p-p (H)
④ NTSC 3.58 2.8V p-p (H)	⑪ PAL 0.6V p-p (H)	⑯ PAL 2.6V p-p (H)	㉔ NTSC 3.58 3V p-p (H)	㉒ NTSC 3.58 7.2V p-p (H)	㉔ NTSC 3.58 6.5V p-p (H)
⑤ NTSC 3.58 3.5V p-p (H)	⑪ SECAM 0.6V p-p (H)	⑰ NTSC 3.58 0.12V p-p (H)	㉕ NTSC 3.58 0.18V p-p (H)	㉒ PAL 5.4V p-p (H)	㉔ PAL 5.5V p-p (H)
⑥ NTSC 3.58 4V p-p (H)	⑫ NTSC 3.58 7V p-p (H)	⑰ PAL 0.5V p-p (H)	㉕ PAL 0.24V p-p (H)	㉒ SECAM 5.6V p-p (H)	㉔ SECAM 5.4V p-p (H)
⑦ NTSC 3.58 2.8V p-p (H)	⑬ NTSC 3.58 0.2V p-p (H)	⑱ NTSC 3.58 0.2V p-p (H)	㉕ SECAM 0.12V p-p (H)	㉑ NTSC 3.58 0.56V p-p (H)	㉑ NTSC 3.58 7V p-p (H)
⑧ NTSC 3.58 2.6V p-p (H)	⑬ PAL 0.28V p-p (H)	⑱ PAL 0.3V p-p (H)	㉔ NTSC 3.58 7.2V p-p (H)	㉑ NTSC 3.58, SECAM NTSC 3.58 0.48V p-p (V) SECAM 9V p-p (V)	㉑ NTSC 3.58 6.4V p-p (H)

1 NTSC 3.58 1V p-p (H)	38 PAL 5V p-p (H)	45 NTSC 3.58 2.6V p-p (H)	55 NTSC 3.58 4V p-p (V)	65 NTSC 3.58 210V p-p (H)	73 SECAM 85V p-p (H)
2 NTSC 3.58 1V p-p (H)	38 SECAM 5V p-p (H)	46 NTSC 3.58 2.4V p-p (H)	56 NTSC 3.58 4.4V p-p (H)	66 NTSC 3.58 1.2V p-p (V)	74 NTSC 3.58 95V p-p (H)
3 NTSC 3.58 2.6V p-p (H)	39 NTSC 3.58 7V p-p (H)	47 NTSC 3.58 4.2V p-p (H)	57 NTSC 3.58 3.9V p-p (V)	67 NTSC 3.58 1050V p-p (H)	74 PAL 70V p-p (H)
4 NTSC 3.58 0.35V p-p (V)	40 NTSC 3.58 6.5V p-p (H)	48 NTSC 3.58 26.8V p-p (H)	58 NTSC 3.58 1.6V p-p (H)	68 NTSC 3.58 1V p-p (V)	74 SECAM 70V p-p (H)
5 NTSC 3.58 7V p-p (H)	40 PAL 5V p-p (H)	49 NTSC 3.58 3.7V p-p (H)	59 NTSC 3.58 1.6V p-p (H)	69 NTSC 3.58 12V p-p (V)	75 NTSC 3.58 100V p-p (H)
6 NTSC 3.58 6.5V p-p (H)	40 SECAM 5.2V p-p (H)	50 NTSC 3.58 11.5V p-p (H)	60 NTSC 3.58 1.4V p-p (H)	70 NTSC 3.58 4.8V p-p (V)	75 PAL 80V p-p (H)
7 PAL 5.5V p-p (H)	41 NTSC 3.58 5.2V p-p (H)	51 NTSC 3.58 12V p-p (H)	61 NTSC 3.58 5.4V p-p (V)	71 NTSC 3.58 4.70V p-p (H)	75 SECAM 64V p-p (H)
8 SECAM 5.4V p-p (H)	42 NTSC 3.58 3.6V p-p (H)	52 NTSC 3.58 12V p-p (H)	62 NTSC 3.58 3.3V p-p (V)	72 NTSC 3.58 21V p-p (H)	76 NTSC 3.58 0.18V p-p (H)
9 NTSC 3.58 7V p-p (H)	43 NTSC 3.58 26µs 340V p-p	53 NTSC 3.58 1.7V p-p (V)	63 NTSC 3.58 13V p-p (H)	73 NTSC 3.58 100V p-p (H)	76 PAL 0.15V p-p (H)
10 NTSC 3.58 6.4V p-p (H)	44 NTSC 3.58 2.6V p-p (H)	54 NTSC 3.58 6.9V p-p (V)	64 NTSC 3.58 52V p-p (V)	73 PAL 85V p-p (H)	76 SECAM 0.12V p-p (H)

SECTION 4 EXPLODED VIEWS

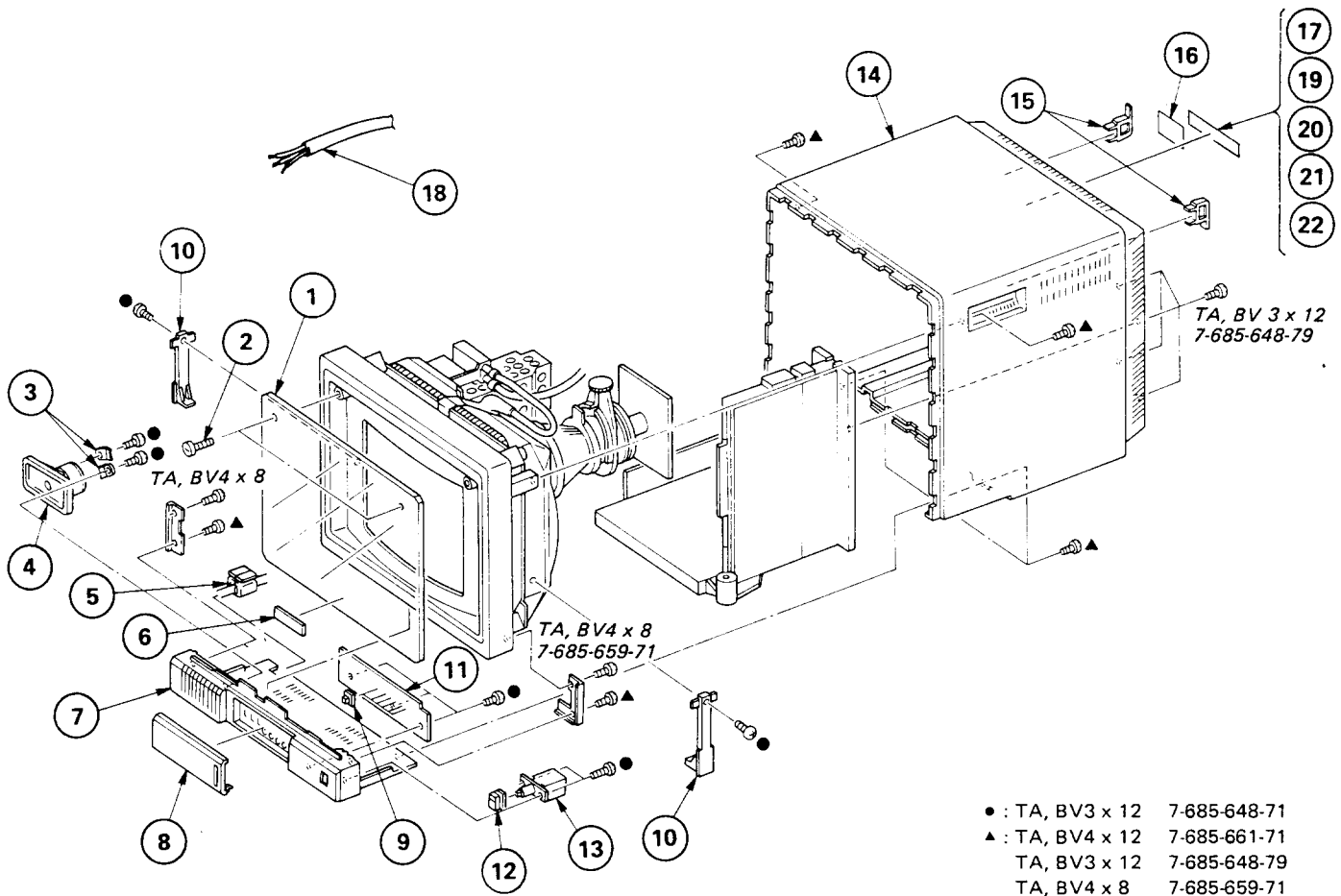
NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

- Items marked "▲" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

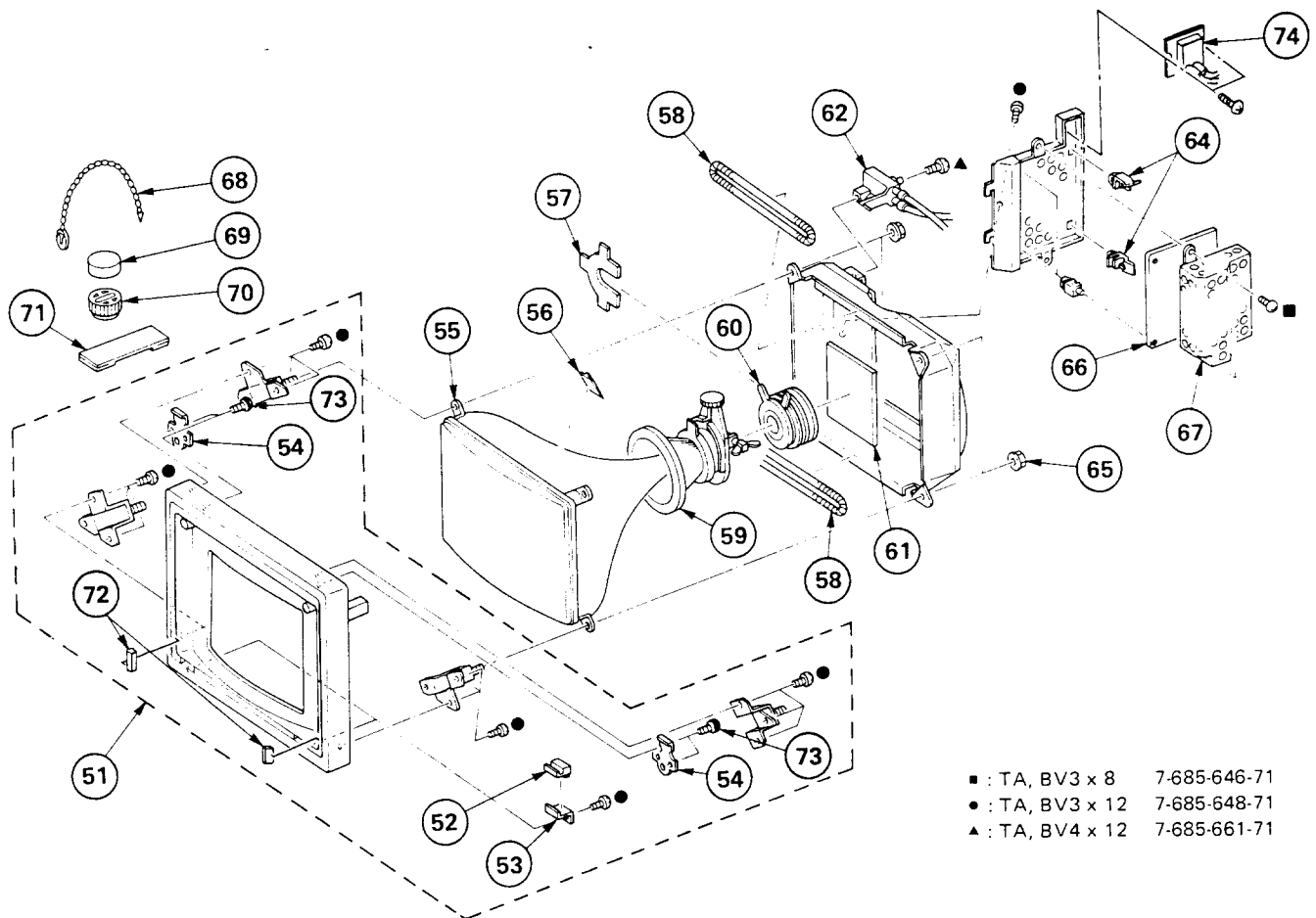
The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

4-1. CABINET



No.	Part No	Description	Remark	No.	Part No	Description	Remark
1	4-364-717-00	FILTER		12	4-364-710-00	BUTTON, POWER	
2	4-336-851-51	SCREW, ORNAMENTAL		13	▲1-553-225-12	SWITCH, PUSH	
3	▲4-321-611-00	CLAW, RETAINING, SPEAKER		14	X-4364-703-0	CABINET ASSY	15
4	1-503-109-00	SPEAKER		15	4-316-003-00	HOLDER, CORD	
5	▲4-364-745-01	BUSHING, AC COARD		16	▲4-365-406-00	LABEL, MODEL NUMBER	
6	▲X-3701-079-0	EMBLEM (SMALL) ASSY, SONY		17	▲3-703-676-00	LABEL, APPROVAL	
7	X-4364-701-2	PANEL ASSY, CONTROL	8	18	▲1-534-820-12	POWER CORD	
8	X-4364-704-2	DOOR ASSY		19	3-703-269-00	LABEL, SEV	
9	4-349-408-00	PUSH BUTTON		20	4-310-381-00	LABEL, SEMKO	
10	▲4-364-705-00	BRACKET, FIXED, CRT		21	4-310-380-00	LABEL, DEMKO	
11	▲1-609-371-00	H BOARD		22	4-310-379-00	LABEL, NEMKO	

5-2. BEZEL



- : TA, BV3 x 8 7-685-646-71
 ● : TA, BV3 x 12 7-685-648-71
 ▲ : TA, BV4 x 12 7-685-661-71

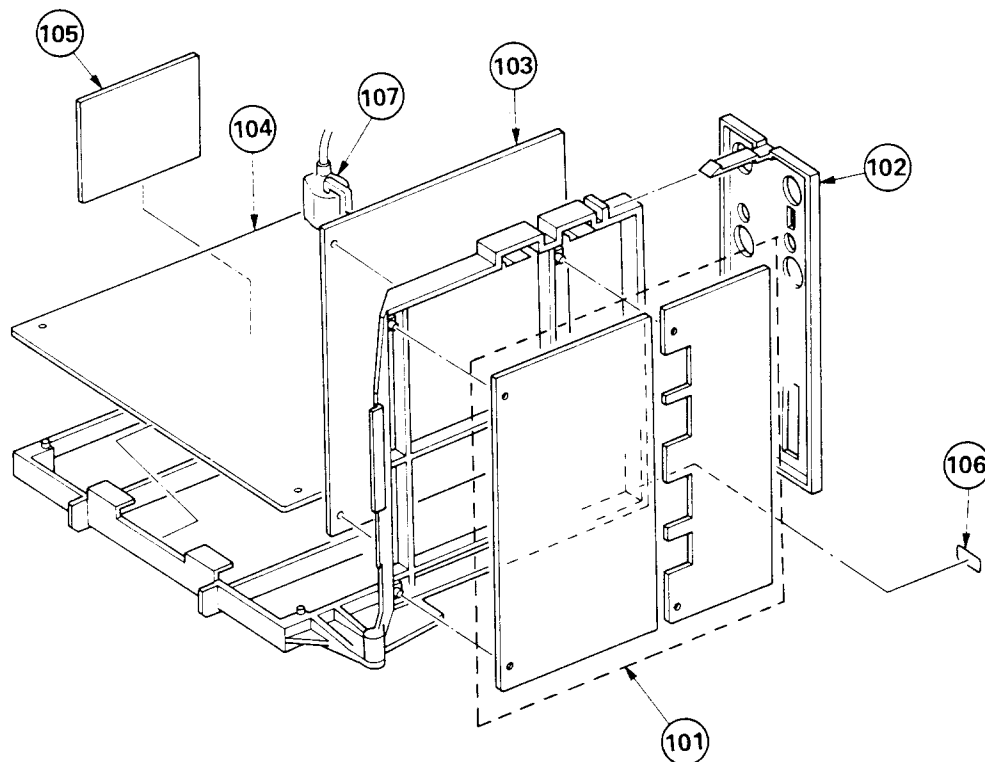
No.	Part No	Description	Remark	No.	Part No	Description	Remark
51	X-4364-702-0	BEZEL ASSY	52,53,54,72,73	63	▲:4-364-719-00	CASE (A) SHIELD	
52	4-336-808-00	PROTECTOR, FILTER		64	▲:3-703-141-00	HOLDER, PCB	
53	4-364-701-00	HOLDER, FILTER		65	4-306-034-00	FLANGE NUT, (B) 5MM	
54	▲:4-341-905-00	NUT, PLATE (A)		66	▲:A-1245-182-A	F BOARD, COMPLETE	
55	▲:8-738-312-05	CRT (330YB22)		67	4-364-720-00	CASE (B) SHIELD	
56	3-703-003-00	SPACER, DY		68	4-308-870-00	CLIP LEAD WIRE	
57	1-452-146-00	MAGNET, BMC		69	1-452-032-00	MAGNET, DISC;10MM ϕ	
58	▲:1-426-086-12	COIL, DEGAUSSING		70	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM ϕ	
59	▲:1-451-160-32	DEFLECTION YOKE (SY-97)		71	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
60	▲:1-452-214-12	CRT NECK ASSY (H TYPE)		72	9-911-837-XX	CUSHION (B), FILTER	
61	▲:A-1330-452-A	C BOARD, COMPLETE		73	4-302-428-00	HEAD WASHER, TAPPING SCREW	
62	▲:1-228-482-12	RESISTOR ASSY, HIGH-VOLTAGE		74	▲:1-162-142-21	CAP BLOCK, HIGH VOLTAGE	

NOTE:

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

For Service Manuals
MAURITRON SERVICES
 8 Cherry Tree Road, Chinnor
 Oxfordshire, OX9 4QY.
 Tel (01844) 351694
 Fax (01844) 352554
 email:- mauritron@diat.pipex.com

4-3. CHASSIS



No.	Part No	Description
101	▲:A-1135-199-A	BA BOARD, COMPLETE
102	4-365-402-00	PANEL (C), CONNECTOR
103	▲:A-1135-200-A	BB BOARD, COMPLETE
104	▲:A-1345-405-A	D BOARD, COMPLETE

Remark	No.	Part No	Description	Remark
	105	▲:1-609-701-00	D2 BOARD	
	106	▲:4-337-327-00	LABEL, OPEN	
	107	▲:1-439-308-11	TRANSFORMER ASSY, FRYBACK	

NOTE:

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

BA

SECTION 5 ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

• Items marked " **A** " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

When indicating parts by reference number, please include the board name.

• All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS
• MF : μ F, PF : μ F

RESISTORS
• All resistors are in ohms
• F : nonflammable

COILS
• MMH : mH, UH : μ H

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
	A :A-1135-199-A	BA BOARD, COMPLETE *****		C341	1-123-379-00	ELECT	0.47MF 20% 50V
	A :1-560-278-00	PLUG, CONNECTOR 12P		C342	1-102-129-00	CERAMIC	0.01MF 10% 50V
	A :1-562-243-00	CONNECTOR 25P		C343	1-101-006-00	CERAMIC	0.047MF 50V
	A :4-603-275-11	LOCK, SCREW		C344	1-123-356-00	ELECT	10MF 20% 16V
		<u>CONNECTOR</u>		C345	1-102-892-00	CERAMIC	22PF 5% 50V
BA1	A :1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C346	1-123-607-00	ELECT	0.1MF 20% 50V
BA2	A :1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P		C347	1-123-607-00	ELECT	0.1MF 20% 50V
BA3	A :1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C348	1-123-607-00	ELECT	0.1MF 20% 50V
BA4	A :1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		C349	1-123-381-00	ELECT	2.2MF 20% 50V
BA5	A :1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C350	1-121-257-00	ELECT	4.7MF 16V
BA6	A :1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		C351	1-101-361-00	CERAMIC	150PF 5% 50V
BA7	A :1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C352	1-102-971-00	CERAMIC	82PF 5% 50V
BA10	A :1-560-278-00	PLUG, CONNECTOR 10P		C353	1-102-971-00	CERAMIC	82PF 5% 50V
		<u>CAPACITOR</u>		C354	1-101-361-00	CERAMIC	150PF 5% 50V
C301	1-101-361-00	CERAMIC	150PF 5% 50V	C355	1-121-257-00	ELECT	4.7MF 16V
C302	1-101-884-00	CERAMIC	56PF 5% 50V	C356	1-102-129-00	CERAMIC	0.01MF 10% 50V
C303	1-101-880-00	CERAMIC	47PF 5% 50V	C357	1-102-809-00	CERAMIC	7PF 1PF 50V
C304	1-102-129-00	CERAMIC	0.01MF 10% 50V	C358	1-102-809-00	CERAMIC	7PF 1PF 50V
C305	1-101-880-00	CERAMIC	47PF 5% 50V	C359	1-101-361-00	CERAMIC	150PF 5% 50V
C306	1-102-944-00	CERAMIC	7PF 0.5PF 50V	C360	1-102-809-00	CERAMIC	7PF 1PF 50V
C307	1-102-129-00	CERAMIC	0.01MF 10% 50V	C361	1-102-809-00	CERAMIC	7PF 1PF 50V
C308	1-108-385-00	MYLAR	0.047MF 10% 100V	C362	1-123-332-00	ELECT	47MF 20% 16V
C309	1-108-385-00	MYLAR	0.047MF 10% 100V	C363	1-123-332-00	ELECT	47MF 20% 16V
C310	1-123-381-00	ELECT	2.2MF 20% 50V	C364	1-123-356-00	ELECT	10MF 20% 16V
C311	1-102-852-00	CERAMIC	47PF 5% 50V	C365	1-101-006-00	CERAMIC	0.047MF 50V
C312	1-102-852-00	CERAMIC	0.01MF 10% 50V	C366	1-123-333-00	ELECT	100MF 20% 16V
C314	1-102-963-00	CERAMIC	33PF 5% 50V	C367	1-101-006-00	CERAMIC	0.047MF 50V
C315	1-102-129-00	CERAMIC	0.01MF 10% 50V	C368	1-102-971-00	CERAMIC	82PF 5% 50V
C316	1-102-129-00	CERAMIC	0.01MF 10% 50V	C369	1-102-824-00	CERAMIC	470PF 5% 50V
C317	1-108-389-00	MYLAR	0.1MF 10% 100V	C370	1-101-361-00	CERAMIC	150PF 5% 50V
C318	1-102-965-00	CERAMIC	39PF 50V	C371	1-108-377-00	MYLAR	0.01MF 10% 100V
C319	1-123-380-00	ELECT	1MF 20% 50V	C372	1-123-379-00	ELECT	0.47MF 20% 50V
C320	1-102-129-00	CERAMIC	0.01MF 10% 50V	C373	1-123-382-00	ELECT	3.3MF 20% 50V
C321	1-123-380-00	ELECT	1MF 20% 50V	C374	1-108-385-00	MYLAR	0.047MF 10% 100V
C322	1-123-380-00	ELECT	1MF 20% 50V	C375	1-101-006-00	CERAMIC	0.047MF 50V
C325	1-123-328-00	ELECT	4.7MF 20% 25V	C376	1-101-006-00	CERAMIC	0.047MF 50V
C326	1-102-959-00	CERAMIC	22PF 5% 50V	C377	1-102-115-00	CERAMIC	560PF 10% 50V
C327	1-123-328-00	ELECT	4.7MF 20% 25V	C378	1-123-333-00	ELECT	100MF 20% 16V
C328	1-102-129-00	CERAMIC	0.01MF 10% 50V	C379	1-102-959-00	CERAMIC	22PF 5% 50V
C329	1-102-129-00	CERAMIC	0.01MF 10% 50V	C380	1-123-356-00	ELECT	10MF 20% 16V
C330	1-102-129-00	CERAMIC	0.01MF 10% 50V	C381	1-123-332-00	ELECT	47MF 20% 16V
C331	1-123-332-00	ELECT	47MF 20% 16V	C382	1-123-380-00	ELECT	1MF 20% 50V
C332	1-123-332-00	ELECT	47MF 20% 16V	C383	1-123-380-00	ELECT	1MF 20% 50V
C333	1-102-679-00	CERAMIC	120PF 5% 50V	C384	1-123-380-00	ELECT	1MF 20% 50V
C334	1-123-356-00	ELECT	10MF 20% 16V	C385	1-123-330-00	ELECT	22MF 20% 16V
C336	1-102-129-00	CERAMIC	0.01MF 10% 50V	C386	1-123-356-00	ELECT	10MF 20% 16V
C337	1-102-892-00	CERAMIC	22PF 5% 50V	C387	1-123-356-00	ELECT	10MF 20% 16V
C338	1-123-332-00	ELECT	47MF 20% 16V	C388	1-102-978-00	CERAMIC	220PF 5% 50V
C339	1-123-380-00	ELECT	1MF 20% 50V	C389	1-123-356-00	ELECT	10MF 20% 16V
C340	1-108-849-00	MYLAR	0.1MF 10% 50V	C391	1-123-607-00	ELECT	0.1MF 20% 50V
				C392	1-108-389-00	MYLAR	0.1MF 10% 100V
				C393	1-102-525-00	CERAMIC	68PF 5% 50V
				C394	1-123-356-00	ELECT	10MF 20% 16V

<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>			<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>
C395	1-102-971-00	CERAMIC	82PF	5%	50V	D612	8-719-100-38	DIODE RD6.2E-B2	
C396	1-102-961-00	CERAMIC	27PF	5%	50V	D613	8-719-100-38	DIODE RD6.2E-B2	
C397	1-101-888-00	CERAMIC	68PF	5%	50V	D614	8-719-100-38	DIODE RD6.2E-B2	
C398	1-102-963-00	CERAMIC	33PF	5%	50V	D615	8-719-100-38	DIODE RD6.2E-B2	
C400	1-123-330-00	ELECT	22MF	20%	16V				
								<u>DELAY LINE</u>	
C403	1-101-880-00	CERAMIC	47PF	5%	50V	DL301	1-415-122-31	DELAY LINE	
C404	1-123-332-00	ELECT	47MF	20%	16V	DL302	1-415-188-00	DELAY LINE	
C405	1-102-129-00	CERAMIC	0.01MF	10%	50V	DL303	1-415-207-21	DELAY LINE (1H)	
C406	1-102-129-00	CERAMIC	0.01MF	10%	50V				
C407	1-123-356-00	ELECT	10MF	20%	16V			<u>IC</u>	
C408	1-102-973-00	CERAMIC	100PF	5%	50V	IC301	8-759-113-65	IC UPC1365C	
C409	1-102-973-00	CERAMIC	100PF	5%	50V	IC302	8-759-100-15	IC UPC1364C2	
C411	1-102-946-00	CERAMIC	9PF	0.5PF	50V	IC303	8-759-140-24	IC UPD4024BC	
C412	1-102-129-00	CERAMIC	47PF	5%	50V	IC304	8-750-000-74	IC CX20061	
C413	1-102-934-00	CERAMIC	1PF	0.25PF	50V	IC305	8-750-000-74	IC CX20061	
C414	1-101-004-00	CERAMIC	0.01MF		50V				
C415	1-101-004-00	CERAMIC	0.01MF		50V	IC306	8-759-240-23	IC TC4023BP	
C416	1-101-888-00	CERAMIC	68PF	5%	50V			<u>COIL</u>	
C418	1-102-961-00	CERAMIC	27PF	5%	50V				
C419	1-102-973-00	CERAMIC	100PF	5%	50V	L301	1-408-416-00	MICRO INDUCTOR 39UH	
						L302	1-408-406-00	MICRO INDUCTOR 5.6UH	
						L304	1-408-408-00	MICRO INDUCTOR 8.2UH	
						L308	1-408-247-00	MICRO INDUCTOR 33MMH	
						L309	1-408-163-00	MICRO INDUCTOR 5.6MMH	
						L311	1-408-445-11	MICRO INDUCTOR 18UH	
						L312	1-408-444-11	MICRO INDUCTOR 15UH	
						L313	1-408-446-11	MICRO INDUCTOR 22UH	
						L314	1-408-442-11	MICRO INDUCTOR 10UH	
						L316	1-408-447-11	MICRO INDUCTOR 27UH	
						L317	1-408-445-11	MICRO INDUCTOR 18UH	
						L318	1-408-445-11	MICRO INDUCTOR 18UH	
						L320	1-408-407-00	MICRO INDUCTOR 6.8UH	
								<u>TRANSISTOR</u>	
						Q301	8-729-178-54	TRANSISTOR 2SC2785	
						Q302	8-729-178-54	TRANSISTOR 2SC2785	
						Q303	8-729-178-54	TRANSISTOR 2SC2785	
						Q304	8-769-200-20	TRANSISTOR 2SK107-2	
						Q305	8-769-200-20	TRANSISTOR 2SK107-2	
						Q306	8-729-117-54	TRANSISTOR 2SA1175	
						Q307	8-729-117-54	TRANSISTOR 2SA1175	
						Q308	8-729-117-54	TRANSISTOR 2SA1175	
						Q309	8-729-178-54	TRANSISTOR 2SC2785	
						Q310	8-729-178-54	TRANSISTOR 2SC2785	

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Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Rem
Q323	8-729-117-54	TRANSISTOR 2SA1175		R321	1-247-879-00	CARBON	
Q324	8-729-178-54	TRANSISTOR 2SC2785		R322	1-247-827-00	CARBON	100K 5% 1/6W
Q325	8-769-200-20	TRANSISTOR 2SK107-2		R323	1-247-903-00	CARBON	680 5% 1/6W
Q326	8-769-200-20	TRANSISTOR 2SK107-2		R324	1-247-887-00	CARBON	1M 5% 1/6W
Q327	8-769-200-20	TRANSISTOR 2SK107-2		R325	1-247-847-00	CARBON	220K 5% 1/6W
							4.7K 5% 1/6W
Q328	8-769-200-20	TRANSISTOR 2SK107-2		R326	1-247-835-00	CARBON	1.5K 5% 1/6W
Q329	8-729-178-54	TRANSISTOR 2SC2785		R327	1-247-833-00	CARBON	1.2K 5% 1/6W
Q336	8-729-178-54	TRANSISTOR 2SC2785		R328	1-247-877-00	CARBON	82K 5% 1/6W
Q340	8-729-178-54	TRANSISTOR 2SC2785		R329	1-247-845-00	CARBON	3.9K 5% 1/6W
Q341	8-729-178-54	TRANSISTOR 2SC2785		R330	1-247-849-00	CARBON	5.6K 5% 1/6W
Q342	8-729-178-54	TRANSISTOR 2SC2785		R331	1-247-847-00	CARBON	4.7K 5% 1/6W
Q343	8-729-178-54	TRANSISTOR 2SC2785		R332	1-247-821-00	CARBON	390 5% 1/6W
Q344	8-729-178-54	TRANSISTOR 2SC2785		R333	1-247-815-00	CARBON	220 5% 1/6W
Q345	8-729-178-54	TRANSISTOR 2SC2785		R334	1-247-815-00	CARBON	220 5% 1/6W
Q346	8-729-178-54	TRANSISTOR 2SC2785		R335	1-247-823-00	CARBON	470 5% 1/6W
Q347	8-729-178-54	TRANSISTOR 2SC2785		R336	1-247-871-00	CARBON	47K 5% 1/6W
Q348	8-729-178-54	TRANSISTOR 2SC2785		R337	1-247-827-00	CARBON	680 5% 1/6W
Q349	8-729-117-54	TRANSISTOR 2SA1175		R338	1-247-867-00	CARBON	33K 5% 1/6W
Q350	8-729-178-54	TRANSISTOR 2SC2785		R339	1-247-871-00	CARBON	47K 5% 1/6W
Q351	8-729-178-54	TRANSISTOR 2SC2785		R340	1-247-815-00	CARBON	220 5% 1/6W
Q352	8-729-178-54	TRANSISTOR 2SC2785		R341	1-247-827-00	CARBON	680 5% 1/6W
Q353	8-729-117-54	TRANSISTOR 2SA1175		R342	1-247-813-00	CARBON	180 5% 1/6W
Q354	8-729-178-54	TRANSISTOR 2SC2785		R343	1-247-843-00	CARBON	3.3K 5% 1/6W
Q355	8-729-117-54	TRANSISTOR 2SA1175		R344	1-247-853-00	CARBON	8.2K 5% 1/6W
Q356	8-729-117-54	TRANSISTOR 2SA1175		R345	1-247-855-00	CARBON	10K 5% 1/6W
Q357	8-729-117-54	TRANSISTOR 2SA1175		R346	1-247-879-00	CARBON	100K 5% 1/6W
Q358	8-729-117-54	TRANSISTOR 2SA1175		R351	1-247-807-00	CARBON	100 5% 1/6W
Q359	8-729-178-54	TRANSISTOR 2SC2785		R352	1-247-825-00	CARBON	560 5% 1/6W
Q360	8-729-178-54	TRANSISTOR 2SC2785		R353	1-247-869-00	CARBON	39K 5% 1/6W
Q402	8-729-117-54	TRANSISTOR 2SA1175		R354	1-247-819-00	CARBON	330 5% 1/6W
Q403	8-729-178-54	TRANSISTOR 2SC2785		R356	1-247-831-00	CARBON	1K 5% 1/6W
				R357	1-247-835-00	CARBON	1.5K 5% 1/6W
				R358	1-247-835-00	CARBON	1.5K 5% 1/6W
				R359	1-247-833-00	CARBON	1.2K 5% 1/6W
				R360	1-247-823-00	CARBON	470 5% 1/6W
				R361	1-247-831-00	CARBON	1K 5% 1/6W
				R362	1-247-843-00	CARBON	3.3K 5% 1/6W
				R364	1-247-823-00	CARBON	470 5% 1/6W
				R365	1-247-875-00	CARBON	68K 5% 1/6W
				R366	1-247-863-00	CARBON	22K 5% 1/6W
				R367	1-247-867-00	CARBON	33K 5% 1/6W
				R368	1-247-855-00	CARBON	10K 5% 1/6W
				R369	1-247-871-00	CARBON	47K 5% 1/6W
				R370	1-247-875-00	CARBON	68K 5% 1/6W
				R371	1-247-847-00	CARBON	4.7K 5% 1/6W
				R372	1-247-867-00	CARBON	33K 5% 1/6W
				R373	1-247-867-00	CARBON	33K 5% 1/6W
				R374	1-247-867-00	CARBON	33K 5% 1/6W
				R375	1-247-871-00	CARBON	47K 5% 1/6W
				R377	1-247-829-00	CARBON	820 5% 1/6W
				R378	1-246-996-00	CARBON	2.2K 5% 1/8W F
				R379	1-247-853-00	CARBON	8.2K 5% 1/6W
				R380	1-247-837-00	CARBON	1.8K 5% 1/6W
R301	1-247-835-00	CARBON	1.5K 5% 1/6W				
R302	1-247-835-00	CARBON	1.5K 5% 1/6W				
R303	1-247-845-00	CARBON	3.9K 5% 1/6W				
R304	1-247-859-00	CARBON	15K 5% 1/6W				
R305	1-247-867-00	CARBON	33K 5% 1/6W				
R306	1-247-879-00	CARBON	100K 5% 1/6W				
R307	1-247-859-00	CARBON	15K 5% 1/6W				
R308	1-247-867-00	CARBON	33K 5% 1/6W				
R309	1-247-823-00	CARBON	470 5% 1/6W				
R310	1-247-839-00	CARBON	2.2K 5% 1/6W				
R311	1-247-845-00	CARBON	3.9K 5% 1/6W				
R312	1-247-903-00	CARBON	1M 5% 1/6W				
R313	1-247-875-00	CARBON	68K 5% 1/6W				
R314	1-247-903-00	CARBON	1M 5% 1/6W				
R315	1-247-807-00	CARBON	100 5% 1/6W				
R316	1-247-839-00	CARBON	2.2K 5% 1/6W				
R317	1-247-865-00	CARBON	27K 5% 1/6W				
R318	1-247-865-00	CARBON	27K 5% 1/6W				
R319	1-247-831-00	CARBON	1K 5% 1/6W				
R320	1-247-827-00	CARBON	680 5% 1/6W				

RESISTOR

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<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>			<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>		
R381	1-247-843-00	CARBON	3.3K	5%	1/6W	R441	1-247-875-00	CARBON	68K	5%	1/6W
R382	1-247-843-00	CARBON	3.3K	5%	1/6W	R442	1-247-873-00	CARBON	56K	5%	1/6W
R383	1-247-847-00	CARBON	4.7K	5%	1/6W	R443	1-247-839-00	CARBON	2.2K	5%	1/6W
R384	1-247-879-00	CARBON	100K	5%	1/6W	R444	1-247-839-00	CARBON	2.2K	5%	1/6W
R385	1-247-855-00	CARBON	10K	5%	1/6W	R445	1-247-863-00	CARBON	22K	5%	1/6W
R386	1-247-885-00	CARBON	180K	5%	1/6W	R446	1-247-857-00	CARBON	12K	5%	1/6W
R387	1-247-849-00	CARBON	5.6K	5%	1/6W	R447	1-247-823-00	CARBON	470	5%	1/6W
R388	1-247-859-00	CARBON	15K	5%	1/6W	R448	1-247-823-00	CARBON	470	5%	1/6W
R389	1-247-859-00	CARBON	15K	5%	1/6W	R449	1-247-871-00	CARBON	47K	5%	1/6W
R390	1-247-879-00	CARBON	100K	5%	1/6W	R451	1-247-839-00	CARBON	2.2K	5%	1/6W
R391	1-247-847-00	CARBON	4.7K	5%	1/6W	R452	1-247-827-00	CARBON	680	5%	1/6W
R392	1-247-879-00	CARBON	100K	5%	1/6W	R453	1-247-815-00	CARBON	220	5%	1/6W
R393	1-247-879-00	CARBON	100K	5%	1/6W	R454	1-247-827-00	CARBON	680	5%	1/6W
R394	1-247-875-00	CARBON	68K	5%	1/6W	R455	1-202-463-00	SOLID	2.2M	5%	1/4W
R395	1-247-855-00	CARBON	10K	5%	1/6W	R456	1-247-803-00	CARBON	68	5%	1/6W
R396	1-247-855-00	CARBON	10K	5%	1/6W	R457	1-247-815-00	CARBON	220	5%	1/6W
R397	1-247-879-00	CARBON	100K	5%	1/6W	R458	1-247-817-00	CARBON	270	5%	1/6W
R398	1-247-859-00	CARBON	15K	5%	1/6W	R459	1-247-831-00	CARBON	1K	5%	1/6W
R400	1-247-877-00	CARBON	82K	5%	1/6W	R460	1-247-827-00	CARBON	680	5%	1/6W
R401	1-247-873-00	CARBON	56K	5%	1/6W	R461	1-247-827-00	CARBON	680	5%	1/6W
R402	1-247-883-00	CARBON	150K	5%	1/6W	R462	1-247-827-00	CARBON	680	5%	1/6W
R403	1-247-867-00	CARBON	33K	5%	1/6W	R463	1-247-827-00	CARBON	680	5%	1/6W
R404	1-247-869-00	CARBON	39K	5%	1/6W	R464	1-247-831-00	CARBON	1K	5%	1/6W
R405	1-247-891-00	CARBON	330K	5%	1/6W	R465	1-247-823-00	CARBON	470	5%	1/6W
R406	1-247-870-00	CARBON	43K	5%	1/6W	R466	1-247-835-00	CARBON	1.5K	5%	1/6W
R407	1-247-867-00	CARBON	33K	5%	1/6W	R468	1-247-827-00	CARBON	680	5%	1/6W
R408	1-247-855-00	CARBON	10K	5%	1/6W	R469	1-247-855-00	CARBON	10K	5%	1/6W
R409	1-247-849-00	CARBON	5.6K	5%	1/6W	R470	1-247-863-00	CARBON	22K	5%	1/6W
R410	1-247-867-00	CARBON	33K	5%	1/6W	R471	1-247-857-00	CARBON	12K	5%	1/6W
R411	1-247-854-00	CARBON	9.1K	5%	1/6W	R472	1-247-827-00	CARBON	680	5%	1/6W
R412	1-246-505-00	CARBON	22K	5%	1/4W	R473	1-247-837-00	CARBON	1.8K	5%	1/6W
R413	1-247-815-00	CARBON	220	5%	1/6W	R474	1-247-875-00	CARBON	68K	5%	1/6W
R414	1-247-853-00	CARBON	8.2K	5%	1/6W	R475	1-247-823-00	CARBON	470	5%	1/6W
R415	1-247-815-00	CARBON	220	5%	1/6W	R477	1-247-831-00	CARBON	1K	5%	1/6W
R416	1-247-853-00	CARBON	8.2K	5%	1/6W	R478	1-247-819-00	CARBON	330	5%	1/6W
R417	1-247-879-00	CARBON	100K	5%	1/6W	R479	1-247-867-00	CARBON	33K	5%	1/6W
R418	1-247-903-00	CARBON	1M	5%	1/6W	R480	1-247-852-00	CARBON	7.5K	5%	1/6W
R419	1-247-837-00	CARBON	1.8K	5%	1/6W	R481	1-247-829-00	CARBON	820	5%	1/6W
R420	1-247-835-00	CARBON	1.5K	5%	1/6W	R482	1-247-831-00	CARBON	1K	5%	1/6W
R424	1-247-855-00	CARBON	10K	5%	1/6W	R483	1-247-815-00	CARBON	220	5%	1/6W
R425	1-247-807-00	CARBON	100	5%	1/6W	R484	1-247-863-00	CARBON	22K	5%	1/6W
R426	1-247-876-00	CARBON	75K	5%	1/6W	R485	1-247-863-00	CARBON	22K	5%	1/6W
R428	1-247-825-00	CARBON	560	5%	1/6W	R486	1-247-863-00	CARBON	22K	5%	1/6W
R429	1-247-859-00	CARBON	15K	5%	1/6W	R487	1-247-867-00	CARBON	33K	5%	1/6W
R430	1-247-807-00	CARBON	100	5%	1/6W	R490	1-247-875-00	CARBON	68K	5%	1/6W
R431	1-247-875-00	CARBON	68K	5%	1/6W	R492	1-247-879-00	CARBON	100K	5%	1/6W
R433	1-247-875-00	CARBON	68K	5%	1/6W	R493	1-247-831-00	CARBON	1K	5%	1/6W
R434	1-247-867-00	CARBON	33K	5%	1/6W	R494	1-247-843-00	CARBON	3.3K	5%	1/6W
R435	1-247-839-00	CARBON	2.2K	5%	1/6W	R495	1-247-855-00	CARBON	10K	5%	1/6W
R436	1-247-875-00	CARBON	68K	5%	1/6W	R496	1-247-871-00	CARBON	47K	5%	1/6W
R437	1-247-873-00	CARBON	56K	5%	1/6W	R497	1-247-855-00	CARBON	10K	5%	1/6W
R438	1-247-838-00	CARBON	2K	5%	1/6W	R498	1-247-855-00	CARBON	10K	5%	1/6W
R440	1-247-807-00	CARBON	100	5%	1/6W	R499	1-247-855-00	CARBON	10K	5%	1/6W

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Ref.No	Part No	Description	Remark
R500	1-247-807-00	CARBON 100 5% 1/6W	
R501	1-247-875-00	CARBON 68K 5% 1/6W	
R502	1-247-855-00	CARBON 10K 5% 1/6W	
R503	1-247-831-00	CARBON 1K 5% 1/6W	
R504	1-247-831-00	CARBON 1K 5% 1/6W	
R505	1-247-875-00	CARBON 68K 5% 1/6W	
R506	1-247-855-00	CARBON 10K 5% 1/6W	
R507	1-247-831-00	CARBON 1K 5% 1/6W	
R508	1-247-875-00	CARBON 68K 5% 1/6W	
R509	1-247-855-00	CARBON 10K 5% 1/6W	
R510	1-247-831-00	CARBON 1K 5% 1/6W	
R511	1-247-807-00	CARBON 100 5% 1/6W	
R512	1-247-875-00	CARBON 68K 5% 1/6W	
R513	1-247-863-00	CARBON 22K 5% 1/6W	
R514	1-247-863-00	CARBON 22K 5% 1/6W	
R515	1-247-863-00	CARBON 22K 5% 1/6W	
R516	1-247-813-00	CARBON 180 5% 1/6W	
R517	1-247-831-00	CARBON 1K 5% 1/6W	
R518	1-247-823-00	CARBON 470 5% 1/6W	
R519	1-247-843-00	CARBON 3.3K 5% 1/6W	
R520	1-247-835-00	CARBON 1.5K 5% 1/6W	
R521	1-247-807-00	CARBON 100 5% 1/6W	
R523	1-247-831-00	CARBON 1K 5% 1/6W	
R524	1-247-807-00	CARBON 100 5% 1/6W	
R525	1-247-869-00	CARBON 39K 5% 1/6W	
R528	1-247-843-00	CARBON 3.3K 5% 1/6W	
R530	1-247-814-00	CARBON 200 5% 1/6W	
R534	1-247-826-00	CARBON 620 5% 1/6W	
R535	1-247-878-00	CARBON 91K 5% 1/6W	
R536	1-247-882-00	CARBON 130K 5% 1/6W	
R537	1-247-865-00	CARBON 27K 5% 1/6W	
R538	1-247-872-00	CARBON 51K 5% 1/6W	
R539	1-247-829-00	CARBON 820 5% 1/6W	
R540	1-247-855-00	CARBON 10K 5% 1/6W	
R541	1-247-827-00	CARBON 680 5% 1/6W	
R542	1-247-831-00	CARBON 1K 5% 1/6W	
R543	1-247-838-00	CARBON 2K 5% 1/6W	
R545	1-247-883-00	CARBON 150K 5% 1/6W	
R573	1-246-480-00	CARBON 2K 5% 1/4W	
R841	1-247-870-00	CARBON 43K 5% 1/6W	
R842	1-247-879-00	CARBON 100K 5% 1/6W	

VARIABLE RESISTOR

RV301	1-226-849-00	RES, ADJ, CARBON 3.3K
RV302	1-226-852-00	RES, ADJ, CARBON 22K
RV303	1-226-852-00	RES, ADJ, CARBON 22K
RV305	1-226-853-00	RES, ADJ, CARBON 47K
RV306	1-226-850-00	RES, ADJ, CARBON 4.7K
RV307	1-226-850-00	RES, ADJ, CARBON 4.7K
RV308	1-226-846-00	RES, ADJ, CARBON 470
RV309	1-226-851-00	RES, ADJ, CARBON 10K
RV330	1-226-845-00	RES, ADJ, CARBON 330
RV331	1-226-847-00	RES, ADJ, CARBON 1K
RV332	1-226-849-00	RES, ADJ, CARBON 3.3K

Ref.No	Part No	Description	Remark
<u>SWITCH</u>			
S1	1-553-725-00	SWITCH, SLIDE	
S2	1-553-725-00	SWITCH, SLIDE	
S3	1-553-725-00	SWITCH, SLIDE	
S4	1-553-725-00	SWITCH, SLIDE	
S5	1-553-725-00	SWITCH, SLIDE	
S6	1-553-725-00	SWITCH, SLIDE	
<u>TRANSFORMER</u>			
T301	1-425-786-00	TRANSFORMER, BANDPASS(BPT)	
T302	1-404-081-00	TRANSFORMER, DELAY ADJUST	
T303	1-404-146-00	TRANSFORMER	
T304	1-408-532-00	COIL, VARIABLE	
T305	1-408-532-00	COIL, VARIABLE	
T306	1-408-513-00	COIL (VARIABLE)	
T307	1-409-193-00	COIL 3.58MHZ TRAP	
T308	1-409-193-00	COIL 3.58MHZ TRAP	
T309	1-408-513-00	COIL (VARIABLE)	
<u>THERMISTOR</u>			
TH301	1-800-626-00	THERMISTOR	
TH302	1-800-944-00	THERMISTOR TH-4700	
<u>CRYSTAL</u>			
X301	1-527-396-00	CRYSTAL, OSC	
X302	1-527-345-00	CRYSTAL, OSC	

♣:A-1135-200-A BB BOARD, COMPLETE			

1-536-781-00 TERMINAL BOARD, INPUT/PUTPUT			
♣:4-323-833-00 HEAT SINK, PIN OUT			
<u>CONNECTOR</u>			
BB1	♣:1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)	
BB2	♣:1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P	
BB3	♣:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
BB4	♣:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
BB6	♣:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P	
BB7	♣:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
BB8	♣:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
BB9	♣:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
BB11	♣:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P	
BB12	♣:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
BB13	♣:1-560-156-00	PLUG, CONNECTOR (2.5MM PITCH)	
BB14	♣:1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P	
BB15	♣:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
BB16	♣:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
BB17	♣:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P	
BB18	♣:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
BB19	♣:1-508-765-00	3P PLUG (M)	

BB

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
<u>CAPACITOR</u>				C666	1-102-980-00	CERAMIC 270PF	5% 50V
C601	1-123-328-00	ELECT	4.7MF	C667	1-102-980-00	CERAMIC 270PF	5% 50V
C602	1-123-356-00	ELECT	10MF	C668	1-102-980-00	CERAMIC 270PF	5% 50V
C603	1-123-331-00	ELECT	33MF	C669	1-123-356-00	ELECT 10MF	20% 25V
C604	1-123-356-00	ELECT	10MF	C670	1-123-356-00	ELECT 10MF	20% 25V
C605	1-123-332-00	ELECT	47MF	C671	1-123-356-00	ELECT 10MF	20% 25V
C606	1-123-356-00	ELECT	10MF	C672	1-102-129-00	CERAMIC 0.01MF	10% 50V
C607	1-123-332-00	ELECT	47MF	C676	1-101-006-00	CERAMIC 0.047MF	50V
C608	1-123-356-00	ELECT	10MF	C677	1-102-129-00	CERAMIC 0.01MF	10% 50V
C609	1-123-332-00	ELECT	47MF	C680	1-102-980-00	CERAMIC 270PF	5% 50V
C611	1-123-380-00	ELECT	1MF	C681	1-123-356-00	ELECT 10MF	20% 25V
C613	1-123-380-00	ELECT	1MF	C682	1-102-980-00	CERAMIC 270PF	5% 50V
C615	1-123-380-00	ELECT	1MF	C683	1-123-333-00	ELECT 100MF	20% 25V
C617	1-123-380-00	ELECT	1MF	C685	1-123-333-00	ELECT 100MF	20% 25V
C618	1-123-356-00	ELECT	10MF	C687	1-123-356-00	ELECT 10MF	20% 25V
C620	1-123-331-00	ELECT	33MF	C688	1-123-356-00	ELECT 10MF	20% 25V
C621	1-123-380-00	ELECT	1MF	C689	1-102-125-00	CERAMIC 0.0047MF	10% 50V
C622	1-123-331-00	ELECT	33MF	C690	1-101-006-00	CERAMIC 0.047MF	50V
C623	1-102-129-00	CERAMIC	0.01MF	C691	1-123-332-00	ELECT 47MF	20% 25V
C624	1-123-333-00	ELECT	100MF	C692	1-123-380-00	ELECT 1MF	20% 50V
C626	1-123-332-00	ELECT	47MF	C693	1-123-380-00	ELECT 1MF	20% 50V
C627	1-101-006-00	CERAMIC	0.047MF	C698	1-101-006-00	CERAMIC 0.047MF	50V
C631	1-123-333-00	ELECT	100MF	C699	1-102-129-00	CERAMIC 0.01MF	10% 50V
C632	1-102-824-00	CERAMIC	470PF	C701	1-102-129-00	CERAMIC 0.01MF	10% 50V
C633	1-102-824-00	CERAMIC	470PF	C702	1-102-129-00	CERAMIC 0.01MF	10% 50V
C634	1-123-333-00	ELECT	100MF	C705	1-102-666-00	CERAMIC 12PF	5% 50V
C637	1-123-356-00	ELECT	10MF	C706	1-102-666-00	CERAMIC 12PF	5% 50V
C640	1-123-356-00	ELECT	10MF	C707	1-102-666-00	CERAMIC 12PF	5% 50V
C641	1-123-356-00	ELECT	10MF	C708	1-123-332-00	ELECT 47MF	20% 25V
C642	1-123-332-00	ELECT	47MF	C710	1-102-129-00	CERAMIC 0.01MF	10% 50V
C643	1-123-332-00	ELECT	47MF	C711	1-102-129-00	CERAMIC 0.01MF	10% 50V
C644	1-123-332-00	ELECT	47MF	C713	1-108-624-61	MYLAR 0.0068MF	10% 100V
C645	1-102-820-00	CERAMIC	330PF	C715	1-102-129-00	CERAMIC 0.01MF	10% 50V
C646	1-102-820-00	CERAMIC	330PF	C716	1-102-129-00	CERAMIC 0.01MF	10% 50V
C647	1-102-820-00	CERAMIC	330PF	C721	1-101-006-00	CERAMIC 0.047MF	50V
C648	1-123-333-00	ELECT	100MF	C722	1-101-006-00	CERAMIC 0.047MF	50V
C649	1-123-333-00	ELECT	100MF	C722B	1-123-380-00	ELECT 1MF	20% 50V
C650	1-123-380-00	ELECT	1MF	C723	1-101-006-00	CERAMIC 0.047MF	50V
C651	1-123-380-00	ELECT	1MF	C723B	1-123-380-00	ELECT 1MF	20% 50V
C652	1-123-380-00	ELECT	1MF	C724	1-101-006-00	CERAMIC 0.047MF	50V
C653	1-101-006-00	CERAMIC	0.047MF	C725	1-101-006-00	CERAMIC 0.047MF	50V
C654	1-123-333-00	ELECT	100MF	C726	1-101-004-00	CERAMIC 0.01MF	50V
C655	1-123-356-00	ELECT	10MF	<u>DIODE</u>			
C656	1-123-356-00	ELECT	10MF	D601	8-719-911-19	DIODE 1SS119	
C657	1-123-356-00	ELECT	10MF	D602	8-719-911-19	DIODE 1SS119	
C658	1-123-382-00	ELECT	3.3MF	D603	8-719-911-19	DIODE 1SS119	
C659	1-123-380-00	ELECT	1MF	D604	8-719-911-19	DIODE 1SS119	
C661	1-102-129-00	CERAMIC	0.01MF	D605	8-719-911-19	DIODE 1SS119	
C662	1-123-332-00	ELECT	47MF	D606	8-719-911-19	DIODE 1SS119	
C663	1-123-332-00	ELECT	47MF	D607	8-719-911-19	DIODE 1SS119	
C664	1-123-332-00	ELECT	47MF	D608	8-719-911-19	DIODE 1SS119	
C665	1-123-356-00	ELECT	10MF	D609	8-719-911-19	DIODE 1SS119	

BB

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
D610	8-719-911-19	DIODE 1SS119		Q631	8-729-178-54	TRANSISTOR 2SC2785	
D611	8-719-911-19	DIODE 1SS119		Q632	8-729-117-54	TRANSISTOR 2SA1175	
D612	8-719-911-19	DIODE 1SS119		Q633	8-729-178-54	TRANSISTOR 2SC2785	
D613	8-719-100-38	DIODE RD6.2E-B2		Q634	8-729-178-54	TRANSISTOR 2SC2785	
D616	8-719-981-01	DIODE ERA81-004		Q635	8-729-178-54	TRANSISTOR 2SC2785	
<u>IC</u>				Q636	8-729-178-54	TRANSISTOR 2SC2785	
IC603	8-759-900-00	IC SN74LS00N		Q637	8-729-178-54	TRANSISTOR 2SC2785	
IC604	8-759-900-00	IC SN74LS00N		Q638	8-729-178-54	TRANSISTOR 2SC2785	
IC606	8-759-951-54	IC SN75154N		Q639	8-729-178-54	TRANSISTOR 2SC2785	
IC607	8-759-974-06	IC SN7406N		Q640	8-729-178-54	TRANSISTOR 2SC2785	
IC608	8-750-000-74	IC CX20061		Q641	8-729-178-54	TRANSISTOR 2SC2785	
IC609	8-750-000-74	IC CX20061		Q642	8-729-178-54	TRANSISTOR 2SC2785	
IC610	8-750-000-74	IC CX20061		Q643	8-729-178-54	TRANSISTOR 2SC2785	
IC611	8-752-201-90	IC CX22019		Q644	8-729-117-54	TRANSISTOR 2SA1175	
IC612	8-759-905-10	IC CX884		Q645	8-729-117-54	TRANSISTOR 2SA1175	
IC614	8-750-000-74	IC CX20061		Q646	8-729-178-54	TRANSISTOR 2SC2785	
IC615	8-759-170-05	IC UPC78M05H		Q649	8-729-178-54	TRANSISTOR 2SC2785	
<u>COIL</u>				Q650	8-729-178-54	TRANSISTOR 2SC2785	
L601	1-408-226-00	MICRO INDUCTOR 82UH		Q651	8-729-313-42	TRANSISTOR 2SD1134	
L602	1-408-399-00	MICRO INDUCTOR 1.5UH		<u>RESISTOR</u>			
L603	1-408-399-00	MICRO INDUCTOR 1.5UH		R601	1-247-881-00	CARBON 120K 5% 1/6W	
L604	1-408-399-00	MICRO INDUCTOR 1.5UH		R602	1-247-895-00	CARBON 470K 5% 1/6W	
<u>TRANSISTOR</u>				R603	1-247-855-00	CARBON 10K 5% 1/6W	
Q601	8-729-178-54	TRANSISTOR 2SC2785		R604	1-247-842-00	CARBON 3K 5% 1/6W	
Q602	8-729-178-54	TRANSISTOR 2SC2785		R606	1-247-831-00	CARBON 1K 5% 1/6W	
Q603	8-729-178-54	TRANSISTOR 2SC2785		R607	1-247-807-00	CARBON 100 5% 1/6W	
Q604	8-729-178-54	TRANSISTOR 2SC2785		R608	1-247-871-00	CARBON 47K 5% 1/6W	
Q605	8-729-178-54	TRANSISTOR 2SC2785		R610	1-247-867-00	CARBON 33K 5% 1/6W	
Q606	8-729-178-54	TRANSISTOR 2SC2785		R612	1-247-807-00	CARBON 100 5% 1/6W	
Q608	8-729-178-54	TRANSISTOR 2SC2785		R615	1-247-817-00	CARBON 270 5% 1/6W	
Q611	8-729-178-54	TRANSISTOR 2SC2785		R616	1-247-835-00	CARBON 1.5K 5% 1/6W	
Q612	8-729-178-54	TRANSISTOR 2SC2785		R618	1-247-831-00	CARBON 1K 5% 1/6W	
Q613	8-729-178-54	TRANSISTOR 2SC2785		R619	1-247-875-00	CARBON 68K 5% 1/6W	
Q614	8-729-178-54	TRANSISTOR 2SC2785		R620	1-247-867-00	CARBON 33K 5% 1/6W	
Q615	8-729-178-54	TRANSISTOR 2SC2785		R621	1-247-831-00	CARBON 1K 5% 1/6W	
Q616	8-729-178-54	TRANSISTOR 2SC2785		R622	1-247-807-00	CARBON 100 5% 1/6W	
Q617	8-729-178-54	TRANSISTOR 2SC2785		R623	1-247-831-00	CARBON 1K 5% 1/6W	
Q618	8-729-178-54	TRANSISTOR 2SC2785		R624	1-247-875-00	CARBON 68K 5% 1/6W	
Q619	8-729-117-54	TRANSISTOR 2SA1175		R625	1-247-867-00	CARBON 33K 5% 1/6W	
Q620	8-729-117-54	TRANSISTOR 2SA1175		R626	1-247-831-00	CARBON 1K 5% 1/6W	
Q621	8-729-117-54	TRANSISTOR 2SA1175		R627	1-247-807-00	CARBON 100 5% 1/6W	
Q622	8-729-178-54	TRANSISTOR 2SC2785		R628	1-247-831-00	CARBON 1K 5% 1/6W	
Q623	8-729-178-54	TRANSISTOR 2SC2785		R629	1-247-875-00	CARBON 68K 5% 1/6W	
Q624	8-729-178-54	TRANSISTOR 2SC2785		R630	1-247-867-00	CARBON 33K 5% 1/6W	
Q625	8-729-178-54	TRANSISTOR 2SC2785		R631	1-247-831-00	CARBON 1K 5% 1/6W	
Q626	8-729-178-54	TRANSISTOR 2SC2785		R632	1-247-807-00	CARBON 100 5% 1/6W	
Q627	8-729-178-54	TRANSISTOR 2SC2785		R633	1-247-871-00	CARBON 47K 5% 1/6W	
Q628	8-729-178-54	TRANSISTOR 2SC2785		R634	1-247-867-00	CARBON 33K 5% 1/6W	
Q629	8-729-178-54	TRANSISTOR 2SC2785		R635	1-247-871-00	CARBON 47K 5% 1/6W	
Q630	8-729-178-54	TRANSISTOR 2SC2785		R636	1-247-867-00	CARBON 33K 5% 1/6W	
				R637	1-247-871-00	CARBON 47K 5% 1/6W	
				R638	1-247-867-00	CARBON 33K 5% 1/6W	

BB

Ref.No	Part No	Description	Remark			Ref.No	Part No	Description	Remark		
R639	1-247-867-00	CARBON	33K	5%	1/6W	R698	1-247-815-00	CARBON	220	5%	1/6W
R640	1-247-871-00	CARBON	47K	5%	1/6W	R699	1-247-901-00	CARBON	820K	5%	1/6W
R641	1-246-873-11	CARBON	22	5%	1/4W	R700	1-247-901-00	CARBON	820K	5%	1/6W
R642	1-247-867-00	CARBON	33K	5%	1/6W	R701	1-247-901-00	CARBON	820K	5%	1/6W
R644	1-247-807-00	CARBON	100	5%	1/6W	R702	1-247-869-00	CARBON	39K	5%	1/6W
R645	1-247-825-00	CARBON	560	5%	1/6W	R703	1-247-883-00	CARBON	150K	5%	1/6W
R646	1-247-820-00	CARBON	360	5%	1/6W	R704	1-247-867-00	CARBON	33K	5%	1/6W
R651	1-247-807-00	CARBON	100	5%	1/6W	R705	1-247-849-00	CARBON	5.6K	5%	1/6W
R652	1-247-807-00	CARBON	100	5%	1/6W	R707	1-247-863-00	CARBON	22K	5%	1/6W
R653	1-247-807-00	CARBON	100	5%	1/6W	R708	1-247-849-00	CARBON	5.6K	5%	1/6W
R654	1-247-807-00	CARBON	100	5%	1/6W	R709	1-247-791-00	CARBON	22	5%	1/6W
R656	1-247-807-00	CARBON	100	5%	1/6W	R710	1-247-825-00	CARBON	560	5%	1/6W
R657	1-247-847-00	CARBON	4.7K	5%	1/6W	R711	1-247-799-00	CARBON	47	5%	1/6W
R658	1-247-831-00	CARBON	1K	5%	1/6W	R712	1-247-791-00	CARBON	22	5%	1/6W
R659	1-247-847-00	CARBON	4.7K	5%	1/6W	R713	1-247-799-00	CARBON	47	5%	1/6W
R660	1-247-847-00	CARBON	4.7K	5%	1/6W	R714	1-247-825-00	CARBON	560	5%	1/6W
R661	1-247-847-00	CARBON	4.7K	5%	1/6W	R715	1-247-791-00	CARBON	22	5%	1/6W
R662	1-247-841-00	CARBON	2.7K	5%	1/6W	R716	1-247-825-00	CARBON	560	5%	1/6W
R663	1-247-847-00	CARBON	4.7K	5%	1/6W	R717	1-247-840-00	CARBON	2.4K	5%	1/6W
R664	1-247-831-00	CARBON	1K	5%	1/6W	R718	1-247-840-00	CARBON	2.4K	5%	1/6W
R665	1-247-875-00	CARBON	68K	5%	1/6W	R719	1-247-840-00	CARBON	2.4K	5%	1/6W
R666	1-247-867-00	CARBON	33K	5%	1/6W	R720	1-247-847-00	CARBON	4.7K	5%	1/6W
R667	1-247-831-00	CARBON	1K	5%	1/6W	R721	1-247-845-00	CARBON	3.9K	5%	1/6W
R668	1-247-807-00	CARBON	100	5%	1/6W	R722	1-247-838-00	CARBON	2K	5%	1/6W
R669	1-247-831-00	CARBON	1K	5%	1/6W	R723	1-247-838-00	CARBON	2K	5%	1/6W
R670	1-247-875-00	CARBON	68K	5%	1/6W	R724	1-247-838-00	CARBON	2K	5%	1/6W
R671	1-247-867-00	CARBON	33K	5%	1/6W	R725	1-247-823-00	CARBON	470	5%	1/6W
R672	1-247-831-00	CARBON	1K	5%	1/6W	R726	1-247-823-00	CARBON	470	5%	1/6W
R673	1-247-807-00	CARBON	100	5%	1/6W	R727	1-247-823-00	CARBON	470	5%	1/6W
R674	1-247-831-00	CARBON	1K	5%	1/6W	R728	1-247-871-00	CARBON	47K	5%	1/6W
R675	1-247-875-00	CARBON	68K	5%	1/6W	R729	1-247-855-00	CARBON	10K	5%	1/6W
R676	1-247-867-00	CARBON	33K	5%	1/6W	R730	1-247-827-00	CARBON	680	5%	1/6W
R677	1-247-807-00	CARBON	100	5%	1/6W	R731	1-247-843-00	CARBON	3.3K	5%	1/6W
R678	1-247-831-00	CARBON	1K	5%	1/6W	R732	1-247-855-00	CARBON	10K	5%	1/6W
R679	1-247-857-00	CARBON	12K	5%	1/6W	R733	1-247-851-00	CARBON	6.8K	5%	1/6W
R680	1-247-843-00	CARBON	3.3K	5%	1/6W	R734	1-247-824-00	CARBON	510	5%	1/6W
R681	1-247-843-00	CARBON	3.3K	5%	1/6W	R735	1-247-848-00	CARBON	5.1K	5%	1/6W
R682	1-247-843-00	CARBON	3.3K	5%	1/6W	R736	1-247-842-00	CARBON	3K	5%	1/6W
R683	1-247-843-00	CARBON	3.3K	5%	1/6W	R737	1-247-885-00	CARBON	180K	5%	1/6W
R684	1-247-843-00	CARBON	3.3K	5%	1/6W	R738	1-247-862-00	CARBON	20K	5%	1/6W
R685	1-247-843-00	CARBON	3.3K	5%	1/6W	R739	1-247-849-00	CARBON	5.6K	5%	1/6W
R686	1-247-843-00	CARBON	3.3K	5%	1/6W	R740	1-247-855-00	CARBON	10K	5%	1/6W
R687	1-247-859-00	CARBON	15K	5%	1/6W	R741	1-247-804-00	CARBON	75	5%	1/6W
R688	1-247-831-00	CARBON	1K	5%	1/6W	R742	1-247-859-00	CARBON	15K	5%	1/6W
R689	1-247-831-00	CARBON	1K	5%	1/6W	R743	1-247-804-00	CARBON	75	5%	1/6W
R690	1-247-831-00	CARBON	1K	5%	1/6W	R744	1-247-859-00	CARBON	15K	5%	1/6W
R691	1-247-807-00	CARBON	100	5%	1/6W	R745	1-247-843-00	CARBON	3.3K	5%	1/6W
R692	1-247-807-00	CARBON	100	5%	1/6W	R746	1-247-843-00	CARBON	3.3K	5%	1/6W
R693	1-247-807-00	CARBON	100	5%	1/6W	R747	1-247-804-00	CARBON	75	5%	1/6W
R694	1-247-831-00	CARBON	1K	5%	1/6W	R748	1-247-859-00	CARBON	15K	5%	1/6W
R695	1-247-843-00	CARBON	3.3K	5%	1/6W	R749	1-247-843-00	CARBON	3.3K	5%	1/6W
R696	1-247-815-00	CARBON	220	5%	1/6W	R750	1-247-847-00	CARBON	4.7K	5%	1/6W
R697	1-247-815-00	CARBON	220	5%	1/6W	R751	1-247-847-00	CARBON	4.7K	5%	1/6W

BB**F**

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
R752	1-247-847-00	CARBON	4.7K 5% 1/6W	R820	1-247-863-00	CARBON	22K 5% 1/6W
R753	1-247-831-00	CARBON	1K 5% 1/6W	R821	1-247-843-00	CARBON	3.3K 5% 1/6W
R754	1-247-831-00	CARBON	1K 5% 1/6W	R822	1-247-823-00	CARBON	470 5% 1/6W
R755	1-247-831-00	CARBON	1K 5% 1/6W	R823	1-247-831-00	CARBON	1K 5% 1/6W
R756	1-247-821-00	CARBON	390 5% 1/6W	R824	1-247-831-00	CARBON	1K 5% 1/6W
R757	1-247-807-00	CARBON	100 5% 1/6W	R825	1-247-831-00	CARBON	1K 5% 1/6W
R758	1-247-821-00	CARBON	390 5% 1/6W	R826	1-247-807-00	CARBON	100 5% 1/6W
R759	1-247-807-00	CARBON	100 5% 1/6W	R827	1-247-823-00	CARBON	470 5% 1/6W
R760	1-247-821-00	CARBON	390 5% 1/6W	R841	1-215-469-00	CARBON	100K 5% 1/6W
R761	1-247-807-00	CARBON	100 5% 1/6W	R842	1-215-460-00	CARBON	43K 5% 1/6W
R762	1-247-847-00	CARBON	4.7K 5% 1/6W	VARIABLE RESISTOR			
R763	1-247-847-00	CARBON	4.7K 5% 1/6W	RV601	1-226-772-00	RES, ADJ, METAL GLAZE 4.7K	
R764	1-247-817-00	CARBON	270 5% 1/6W	RV602	1-226-773-00	RES, ADJ, METAL GLAZE 22K	
R765	1-247-838-00	CARBON	2K 5% 1/6W	RV603	1-226-773-00	RES, ADJ, METAL GLAZE 22K	
R766	1-247-840-00	CARBON	2.4K 5% 1/6W	RV604	1-226-773-00	RES, ADJ, METAL GLAZE 22K	
R767	1-247-831-00	CARBON	1K 5% 1/6W	RV605	1-226-773-00	RES, ADJ, METAL GLAZE 22K	
R768	1-247-859-00	CARBON	15K 5% 1/6W	*****			
R769	1-247-804-00	CARBON	75 5% 1/6W	▲:A-1245-190-A	F BOARD, COMPLETE	*****	
R770	1-247-831-00	CARBON	1K 5% 1/6W	▲:1-534-820-12	POWER CORD		
R771	1-247-859-00	CARBON	15K 5% 1/6W	1-543-194-00	CORE, BEAD		
R772	1-247-886-00	CARBON	200K 5% 1/6W	3-701-810-31	SCREW, TERMINAL		
R773	1-247-846-00	CARBON	4.3K 5% 1/6W	▲:3-703-141-00	HOLDER, PCB		
R774	1-247-851-00	CARBON	6.8K 5% 1/6W	4-312-237-00	CLIP, CABLE		
R776	1-247-859-00	CARBON	15K 5% 1/6W	▲:4-364-719-00	CASE (A), SHIELD		
R777	1-247-895-00	CARBON	470K 5% 1/6W	▲:4-364-720-00	CASE (B), SHIELD		
R778	1-247-847-00	CARBON	4.7K 5% 1/6W	CAPACITOR			
R779	1-247-831-00	CARBON	1K 5% 1/6W	C601	▲:1-108-745-62	MYLAR 0.22MF	20% 300V
R780	1-247-871-00	CARBON	47K 5% 1/6W	▲:4-316-137-00	COVER, CAPACITOR, C601		
R781	1-247-867-00	CARBON	33K 5% 1/6W	C602	▲:1-108-745-62	MYLAR 0.22MF	20% 300V
R782	1-247-863-00	CARBON	22K 5% 1/6W	C605	▲:1-108-745-62	MYLAR 0.22MF	20% 300V
R783	1-247-863-00	CARBON	22K 5% 1/6W	C606	1-161-738-00	CERAMIC 0.0047MF	20% 400V
R785	1-247-849-00	CARBON	5.6K 5% 1/6W	C607	1-161-738-00	CERAMIC 0.0047MF	20% 400V
R786	1-247-823-00	CARBON	470 5% 1/6W	C608	1-125-287-00	ELECT (BLOCK) 430MF	400V
R788	1-247-859-00	CARBON	15K 5% 1/6W	C609	1-161-738-00	CERAMIC 0.0047MF	20% 400V
R789	1-247-831-00	CARBON	1K 5% 1/6W	C610	1-161-953-00	FILM 0.0047MF	20% 400V
R790	1-247-831-00	CARBON	1K 5% 1/6W	C611	1-161-738-00	CERAMIC 0.0047MF	20% 400V
R791	1-211-536-00	CARBON	390 5% 1/4W F	C612	1-161-953-00	FILM 0.0047MF	20% 400V
R792	1-212-360-00	METAL OXIDE	1 5% 1W F	C613	1-161-738-00	CERAMIC 0.0047MF	20% 400V
R793	1-247-855-00	CARBON	10K 5% 1/6W	C614	1-161-739-00	CERAMIC 0.01MF	20% 400V
R794	1-247-807-00	CARBON	100 5% 1/6W	C615	1-102-327-00	CERAMIC 330PF	15% 1.5KV
R795	1-213-125-00	METAL OXIDE	33 5% 1W F	C616	1-129-706-11	FILM 0.0022MF	10% 630V
R797	1-247-847-00	CARBON	4.7K 5% 1/6W	C617	1-102-327-00	CERAMIC 330PF	15% 1.5KV
R798	1-247-843-00	CARBON	3.3K 5% 1/6W	C618	1-123-360-00	ELECT 100MF	20% 50V
R799	1-247-861-00	CARBON	18K 5% 1/6W	C619	1-123-323-00	ELECT 470MF	20% 16V
R800	1-247-807-00	CARBON	100 5% 1/6W	C620	1-123-381-00	ELECT 2.2MF	20% 50V
R801	1-247-843-00	CARBON	3.3K 5% 1/6W	C621	1-102-002-00	CERAMIC 680PF	10% 500V
R806	1-246-446-00	CARBON	75 5% 1/4W	C622	1-108-376-00	MYLAR 0.0082MF	10% 100V
R810	1-247-799-00	CARBON	47 5% 1/6W	C623	1-102-959-00	CERAMIC 22PF	5% 50V
R811	1-247-838-00	CARBON	2K 5% 1/6W	C625	1-108-379-00	MYLAR 0.015MF	10% 100V
R812	1-247-843-00	CARBON	3.3K 5% 1/6W				
R814	1-247-843-00	CARBON	3.3K 5% 1/6W				
R815	1-247-843-00	CARBON	3.3K 5% 1/6W				
R817	1-247-831-00	CARBON	1K 5% 1/6W				

NOTE:

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F	C
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Ref.No	Part No	Description	Remark
C626	1-102-327-00	CERAMIC 330PF	15% 1.5KV
C627	1-123-024-00	ELECT 33MF	160V
C630	1-102-030-00	CERAMIC 330PF	10% 500V
C631	1-124-128-00	ELECT 470MF	20% 25V
C632	1-124-128-00	ELECT 470MF	20% 25V
C633	1-123-306-00	ELECT 47MF	16V
C634	1-102-030-00	CERAMIC 330PF	10% 500V
C639	1-108-849-00	FILM 0.1MF	50V

DIODE

D601	8-719-911-55	DIODE U05G
D602	8-719-503-06	DIODE S3WB60Z
D603	8-719-100-68	DIODE RD13E-B2
D604	8-719-300-70	DIODE RH-1C
D605	8-719-901-83	DIODE 1SS83
D606	8-719-300-45	DIODE EM-1Z
D607	8-719-300-45	DIODE EM-1Z
D608	8-719-901-83	DIODE 1SS83
D609	8-719-901-93	DIODE V19E
D610	8-719-928-08	DIODE ERD28-08
D612	8-719-907-30	DIODE ERB84-009
D613	8-719-901-93	DIODE V19E

CONNECTOR

F1	▲:1-506-348-XX	3P PLUG (L)
F2	▲:1-506-348-XX	3P PLUG (L)
F3	▲:1-508-765-00	3P PLUG (M)
F4	▲:1-508-768-00	6P PLUG

FUSE

F601	▲:1-532-325-11	FUSE, TIME-LAG 6.3A
	▲:3-701-947-19	LABEL, FUSE, F601
F651	▲:1-533-087-00	HOLDER, FUSE

IC

IC 601	▲:8-759-046-00	IC TDA4600
	▲:4-356-301-00	HEAT SINK (D), IC601

COIL

L601	1-407-180-XX	MICRO INDUCTOR 1.5UH
L602	1-408-421-00	MICRO INDUCTOR 100UH
L603	1-425-613-00	COIL, AIR-CORE, QF TYPE
L604	1-459-215-00	CORE COIL
L607	1-421-487-00	COIL, CHOKE
L608	1-459-215-00	CORE COIL
L611	1-407-364-00	COIL, SPOOK CHOKE
L612	1-407-184-XX	MICRO INDUCTOR 3.3UH

THERMISTOR

PTH601	1-800-665-00	THERMISTOR
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TRANSISTOR

Q601	8-719-000-28	THYRISTOR CRO2AM-8
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Ref.No	Part No	Description	Remark
Q602	8-729-300-60	TRANSISTOR 2SC1413-SY	
	3-701-353-00	SPACER, MICA, Q602	
	3-701-609-00	BUSHING (B), TR, Q602	
	▲:4-314-938-01	RETAINER (TO-3), TRANSISTOR, Q602	
	▲:4-336-010-00	HEAT SINK, Q602	

RESISTOR

R602	1-206-688-00	METAL OXIDE	10K	5%	2W	F
R603	1-247-289-00	CARBON	8.2M	5%	1W	
R604	1-244-929-00	CARBON	220K	5%	1/2W	
R605	1-212-356-00	METAL OXIDE	0.47	5%	1W	F
R606	1-247-851-00	CARBON	6.8K	5%	1/6W	
R607	1-244-931-00	CARBON	270K	5%	1/2W	
R608	1-215-263-00	METAL	270K		1W	
R610	1-247-819-00	CARBON	330	1%	1/6W	
R611	1-246-981-00	CARBON	4.7	5%	1/8W	F
R612	1-247-857-00	CARBON	12K	1%	1/6W	
R613	1-247-833-00	CARBON	1.2K	1%	1/6W	
R614	1-247-855-00	CARBON	10K	5%	1/6W	
R615	1-244-929-00	CARBON	220K	5%	1/2W	
R616	1-247-795-00	CARBON	33	5%	1/6W	
R617	1-247-849-00	CARBON	5.6K	1%	1/6W	
R618	1-247-839-00	CARBON	2.2K	1%	1/6W	
R619	1-206-519-00	METAL OXIDE	22	5%	3W	F
R620	1-217-305-00	WIREWOUND	39	10%	5W	F
R622	1-246-997-00	CARBON	1.2	5%	1/4W	F
R623	1-202-665-11	SOLID	6.8M	5%	1/2W	
R633	1-206-690-00	METAL OXIDE	12K	5%	2W	F

VARIABLE RESISTOR

RV601	1-226-850-00	RES, ADJ, CARBON 4.1K
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TRANSFORMER

T601	▲:1-421-556-21	TRANSFORMER, LINE FILTER (LFT)
T602	▲:1-421-412-11	COIL, FERRITE
T603	▲:1-421-584-11	TRANSFORMER, FERRITE (ROT)

THERMISTOR

TH601	1-800-820-00	THERMISTOR, POWER
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▲:A-1330-452-A C BOARD, COMPLETE

1-526-645-00 SOCKET, CRT
▲:1-556-148-00 CONNECTOR ASSY, MINIATURE 3P
▲:1-556-396-00 CONNECTOR ASSY (2.5MM) 5P
▲:1-609-700-00 C BOARD

NOTE:

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

C**D2**

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
<u>CONNECTOR</u>				<u>CONNECTOR</u>			
C1	♣:1-508-765-00	3P PLUG (M)		R717	1-202-834-00	SOLID 27K	1/2W
C2	♣:1-508-786-00	2P PLUG (M)		R718	1-202-549-00	SOLID 100	10% 1/2W
<u>CAPACITOR</u>				R719	1-202-842-51	SOLID 220K	1/2W
C701	1-121-759-00	ELECT 4.7MF	250V	R720	1-202-719-00	SOLID 1M	10% 1/2W
C702	1-129-737-00	FILM 0.047MF	20% 630V	R721	1-202-824-00	SOLID 3.3K	1/2W
C703	1-102-249-00	CERAMIC 680PF	20% 2KV	R722	1-202-719-00	SOLID 1M	10% 1/2W
C704	1-123-356-00	ELECT 10MF	20% 25V	R724	1-246-497-00	CARBON 10K	5% 1/4W
C705	1-108-433-00	MYLAR 0.1MF	10% 200V	R725	1-246-497-00	CARBON 10K	5% 1/4W
C706	1-102-822-00	CERAMIC 390PF	5% 50V	R726	1-246-497-00	CARBON 10K	5% 1/4W
C707	1-102-822-00	CERAMIC 390PF	5% 50V	R727	1-246-433-00	CARBON 22	5% 1/4W
C708	1-102-824-00	CERAMIC 470PF	5% 50V	R728	1-246-437-00	CARBON 33	5% 1/4W
C709	1-102-038-00	CERAMIC 0.001MF	500V	R729	1-246-437-00	CARBON 33	5% 1/4W
C710	1-102-219-00	CERAMIC 680PF	20% 1KV	R730	1-246-457-00	CARBON 220	5% 1/4W
C711	1-123-356-00	ELECT 10MF	20% 50V	R731	1-246-457-00	CARBON 220	5% 1/4W
<u>DIODE</u>				R732	1-246-475-00	CARBON 1.2K	5% 1/4W
D701	8-719-300-76	DIODE RH1A		R733	1-246-475-00	CARBON 1.2K	5% 1/4W
D702	8-719-300-76	DIODE RH1A		R735	1-246-456-00	CARBON 200	5% 1/4W
D703	8-719-300-76	DIODE RH1A		R736	1-246-456-00	CARBON 200	5% 1/4W
<u>COIL</u>				R737	1-246-456-00	CARBON 200	5% 1/4W
L701	1-407-166-XX	MICRO INDUCTOR 56UH		R738	1-246-457-00	CARBON 220	5% 1/4W
L702	1-407-166-XX	MICRO INDUCTOR 56UH		R739	1-246-475-00	CARBON 1.2K	5% 1/4W
L703	1-407-166-XX	MICRO INDUCTOR 56UH		R740	1-246-437-00	CARBON 33	5% 1/4W
L704	1-407-701-00	MICRO INDUCTOR 47UH		R741	1-212-360-00	METAL OXIDE 1	5% 1W F
<u>TRANSISTOR</u>				<u>VARIABLE RESISTOR</u>			
Q701	8-729-168-82	TRANSISTOR 2SC2688		RV701	1-224-644-XX	RES, ADJ, CARBON 4.7K	
Q702	8-729-168-82	TRANSISTOR 2SC2688		RV702	1-224-643-XX	RES, ADJ, CARBON 2.2K	
Q703	8-729-168-82	TRANSISTOR 2SC2688		RV703	1-224-644-XX	RES, ADJ, CARBON 4.7K	
Q704	8-729-281-53	TRANSISTOR 2SC1815		RV704	1-224-643-XX	RES, ADJ, CARBON 2.2K	
Q705	8-729-281-53	TRANSISTOR 2SC1815		RV705	1-224-644-XX	RES, ADJ, CARBON 4.7K	
Q706	8-729-281-53	TRANSISTOR 2SC1815		RV706A	1-226-063-00	RES, ADJ, CARBON 2.2M	
<u>RESISTOR</u>				RV707	1-226-114-00	RES, ADJ, METAL GLAZE 2.2M	
R701	1-246-461-00	CARBON 330	5% 1/4W	RV708	1-224-643-XX	RES, ADJ, CARBON 2.2K	
R702	1-246-482-00	CARBON 2.4K	5% 1/4W	*****			
R703	1-206-743-00	METAL OXIDE 5.6K	5% 3W F	♣:1-609-701-00	D2 BOARD	*****	
R704	1-246-482-00	CARBON 2.4K	5% 1/4W	♣:1-560-278-00	PLUG, CONNECTOR 5P		
R705	1-246-461-00	CARBON 330	5% 1/4W	♣:1-560-721-21	PLUG, CONNECTOR 2P		
R706	1-206-743-00	METAL OXIDE 5.6K	5% 3W F	<u>CAPACITOR</u>			
R707	1-246-461-00	CARBON 330	5% 1/4W	C801	1-108-393-00	MYLAR 0.22MF	10% 100V
R708	1-246-482-00	CARBON 2.4K	5% 1/4W	C802	1-108-385-00	MYLAR 0.047MF	10% 100V
R709	1-206-743-00	METAL OXIDE 5.6K	5% 3W F	C803	1-108-385-00	MYLAR 0.047MF	10% 100V
R710	1-202-824-00	SOLID 3.3K	1/2W	C804	1-123-360-00	ELECT 100MF	20% 50V
R711	1-202-722-51	SOLID 1.8M	10% 1/2W	C805	1-123-356-00	ELECT 10MF	20% 50V
R713	1-202-824-00	SOLID 3.3K	1/2W	C806	1-123-356-00	ELECT 10MF	20% 50V
R714	1-202-720-00	SOLID 1.2M	10% 1/2W	C807	1-123-380-00	ELECT 1MF	20% 50V
R715	1-202-815-51	SOLID 47K	1/2W	C808	1-123-252-00	ELECT 1MF	160V
R716	1-202-824-00	SOLID 3.3K	1/2W	<u>DIODE</u>			
				D801	8-719-911-19	DIODE 1SS119	

D2

D

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
<u>COIL</u>				♣:A-1345-405-A D BOADD, COMPLETE *****			
L801	1-408-244-00	MICRO INDUCTOR 18MMH		♣:1-526-575-00	SOCKET, PLUG		
L802	1-459-107-00	COIL, DUST CORE		♣:4-340-905-00	HEAT SINK, V OUT		
<u>TRANSISTOR</u>				♣:4-364-749-00	PLATE, SHIELD, F.B.T		
Q801	8-729-313-82	TRANSISTOR 2SD1138		<u>CAPACITOR</u>			
Q802	8-729-169-02	TRANSISTOR 2SC2690A		C501	1-123-380-00	ELECT 1MF 20% 50V	
Q803	8-729-117-54	TRANSISTOR 2SA1175		C502	1-123-380-00	ELECT 1MF 20% 50V	
Q804	8-729-178-54	TRANSISTOR 2SC2785		C503	1-108-251-00	MYLAR 0.1MF 5% 50V	
<u>RESISTOR</u>				C504	1-131-448-00	TANTALUM 1MF 5% 35V	
R801	1-246-497-00	CARBON 10K 5% 1/4W		C505	1-123-324-00	ELECT 1000MF 20% 16V	
R802	1-213-143-00	METAL OXIDE 1K 5% 1W	F	C506	1-123-321-00	ELECT 220MF 20% 16V	
R804	1-247-012-00	CARBON 1K 5% 1/4W	F	C507	1-108-377-00	MYLAR 0.01MF 10% 100V	
R807	1-246-483-00	CARBON 2.7K 5% 1/4W		C508	1-108-379-00	MYLAR 0.015MF 10% 100V	
R808	1-217-265-11	WIREWOUND 22 10% 3W	F	C509	1-123-381-00	ELECT 2.2MF 20% 100V	
R809	1-217-265-11	WIREWOUND 22 10% 3W	F	C510	1-161-959-00	CERAMIC 22PF 10% 500V	
R810	1-246-425-00	CARBON 10 5% 1/4W		C511	1-123-345-00	ELECT 100MF 20% 35V	
R811	1-246-491-00	CARBON 5.6K 5% 1/4W		C512	1-123-369-00	ELECT 4.7MF 20% 50V	
R812	1-246-511-00	CARBON 39K 5% 1/4W		C514	1-123-332-00	ELECT 47MF 20% 16V	
R813	1-246-511-00	CARBON 39K 5% 1/4W		C515	1-123-332-00	ELECT 47MF 20% 16V	
R814	1-246-425-00	CARBON 10 5% 1/4W		C516	1-123-337-00	ELECT 1000MF 20% 25V	
R815	1-246-491-00	CARBON 5.6K 5% 1/4W		C517	1-123-369-00	ELECT 4.7MF 20% 50V	
R817	1-246-471-00	CARBON 820 5% 1/4W		C518	1-131-539-00	TANTALUM 2.2MF 5% 20V	
R819	1-246-481-00	CARBON 2.2K 5% 1/4W		C519	1-123-286-00	ELECT 0.33MF 20% 50V	
R820	1-246-508-00	CARBON 30K 5% 1/4W		C520	1-123-447-00	ELECT 0.22MF 20% 50V	
<u>VARIABLE RESISTOR</u>				C521	1-123-362-00	ELECT 330MF 20% 50V	
RV803	1-222-512-00	RES, ADJ, CARBON 10K		C522	1-123-356-00	ELECT 10MF 20% 25V	
RV806	1-221-970-XX	RES, ADJ, CARBON 500		C523	1-123-332-00	ELECT 47MF 20% 16V	
RV816	1-226-853-00	RES, ADJ, CARBON 47K		C524	1-108-369-00	MYLAR 0.0022MF 10% 100V	
				C525	1-121-999-00	ELECT 10MF 20% 160V	
				C526	1-123-380-00	ELECT 1MF 20% 50V	
				C527	1-108-382-00	MYLAR 0.027MF 10% 100V	
				C528	1-108-382-00	MYLAR 0.027MF 10% 100V	
				C529	1-123-380-00	ELECT 1MF 20% 50V	
				C530	1-123-332-00	ELECT 47MF 20% 16V	
				C531	1-123-332-00	ELECT 47MF 20% 16V	
				C533	1-123-332-00	ELECT 47MF 20% 16V	
				C534	1-108-579-00	MYLAR 0.01MF 5% 50V	
				C535	1-123-330-00	ELECT 22MF 20% 16V	
				C537	1-123-380-00	ELECT 1MF 20% 50V	
				C538	1-108-387-00	MYLAR 0.068MF 10% 100V	
				C539	1-102-121-00	CERAMIC 0.0022MF 10% 50V	
				C540	1-102-824-00	CERAMIC 470PF 5% 50V	
				C541	1-102-820-00	CERAMIC 330PF 5% 50V	
				C542	1-123-026-00	ELECT 2.2MF 160V	
				C543	1-123-380-00	ELECT 1MF 20% 100V	

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Ref.No	Part No	Description				Remark	Ref.No	Part No	Description				Remark
C544A	1-161-830-00	CERAMIC	0.0047MF			500V	C848	▲ 1-136-044-11	FILM	0.0017MF	3%		1.6KV
C544B	1-161-830-00	CERAMIC	0.0047MF			500V	C850	1-102-030-00	CERAMIC	330PF	10%		500V
C545	1-123-379-00	ELECT	0.047F	20%		50V	C852	1-101-006-00	CERAMIC	0.047MF			50V
C547	1-123-332-00	ELECT	47MF	20%		16V	C853	1-108-373-00	MYLAR	0.0047MF	10%		100V
C548	1-123-332-00	ELECT	47MF	20%		16V	C854	1-102-223-00	CERAMIC	0.0047MF	20%		1.6KV
C549	1-123-330-00	ELECT	22MF	20%		16V							
C551	1-102-228-00	CERAMIC	470PF	10%		500V	C855	1-123-381-00	ELECT	2.2MF	20%		50V
C552	1-108-377-00	MYLAR	0.01MF	10%		100V	C856	1-108-373-00	MYLAR	0.0047MF	10%		100V
C559	1-108-579-00	MYLAR	0.01MF	5%		50V	C857	1-123-357-00	ELECT	22MF	20%		50V
C560	1-123-318-00	ELECT	33MF	20%		16V	C858	1-121-999-00	ELECT	10MF			160V
C562	1-123-380-00	ELECT	1MF	20%		50V	C859	1-123-357-00	ELECT	22MF	20%		50V
C563	1-123-332-00	ELECT	47MF	20%		25V	C862	1-102-824-00	CERAMIC	470PF	5%		50V
C802	1-123-379-00	ELECT	0.47MF	20%		50V	C863	1-102-074-00	CERAMIC	0.001MF	10%		50V
C803	1-123-379-00	ELECT	0.47MF	20%		50V	C864	1-102-976-00	CERAMIC	180PF	5%		50V
C804	1-108-377-00	MYLAR	0.01MF	10%		100V	C865	1-123-369-00	ELECT	4.7MF	20%		50V
C805	1-123-331-00	ELECT	33MF	20%		25V			CONNECTOR				
C806	1-123-331-00	ELECT	33MF	20%		25V	D2	▲:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)				
C807	1-108-567-00	MYLAR	0.0033MF	5%		50V	D3	▲:1-508-765-00	3P PLUG (M)				
C808	1-130-022-00	FILM	0.0022MF	5%		50V	D4	▲:1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P				
C809	1-123-357-00	ELECT	22MF	20%		50V	D5	▲:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P				
C810	1-121-246-00	ELECT	4.7MF			160V	D6	▲:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)				
C811	1-101-004-00	CERAMIC	0.01MF			50V	D7	▲:1-508-765-00	3P PLUG (M)				
C812	1-108-389-00	MYLAR	0.1MF	10%		100V	D8	▲:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P				
C813	1-123-380-00	ELECT	1MF	20%		50V	D9	▲:1-560-127-00	PLUG, CONNECTOR (2.5MM) 7P				
C814	1-123-380-00	ELECT	1MF	20%		50V	D10	▲:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)				
C815	1-108-387-00	MYLAR	0.068MF	10%		100V	D11	▲:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P				
C816	1-121-806-00	ELECT	10MF			16V	D12	▲:1-508-768-00	6P PLUG				
C817	1-123-380-00	ELECT	1MF	20%		50V	D13	▲:1-508-765-00	3P PLUG (M)				
C818	1-102-820-00	CERAMIC	330PF	5%		50V	D14	▲:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)				
C819	1-108-689-11	MYLAR	0.0056MF	10%		200V	D16	▲:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)				
C820	1-101-810-00	CERAMIC	100PF	5%		500V	D17	▲:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P				
C821	1-102-030-00	CERAMIC	330PF	10%		500V	D18	▲:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P				
C822	1-123-003-00	ELECT	1MF			250V			DIODE				
C823	1-130-069-00	FILM	0.43MF	5%		200V	D501	8-719-911-19	DIODE 1SS119				
C825	1-123-346-00	ELECT	220MF	20%		35V	D502	8-719-911-19	DIODE 1SS119				
C826	1-129-706-00	FILM	0.0022MF	10%		630V	D503	8-719-113-07	DIODE RD13E-B				
C827	1-101-004-00	CERAMIC	0.01MF			50V	D504	8-719-911-55	DIODE U05G				
C828	1-121-999-00	ELECT	10MF			160V	D505	8-719-911-19	DIODE 1SS119				
C829	1-123-024-00	ELECT	33MF			160V	D507	8-719-911-19	DIODE 1SS119				
C830	1-108-429-00	MYLAR	0.047MF	10%		200V	D508	8-719-911-19	DIODE 1SS119				
C832	1-161-753-11	CERAMIC	470PF	10%		3KV	D509	8-719-911-19	DIODE 1SS119				
C833	1-123-379-00	ELECT	0.47MF	20%		50V	D513	8-719-300-45	DIODE EM1Z				
C834	1-102-212-00	CERAMIC	820PF	10%		500V	D515	8-719-911-55	DIODE U05G				
C835	1-108-369-00	MYLAR	0.0022MF	10%		100V	D516	8-719-911-19	DIODE 1SS119				
C836	1-102-531-00	CERAMIC	150PF	5%		50V	D801	8-719-100-80	DIODE RD20E-B2				
C837	1-123-586-00	ELECT	0.1MF	20%		50V	D802	8-719-300-45	DIODE EM1Z				
C838	1-123-380-00	ELECT	1MF	20%		50V	D803	8-719-300-76	DIODE RH1A				
C839	1-123-331-00	ELECT	33MF	20%		25V	D804	8-719-300-76	DIODE RH1A				
C841	▲ 1-161-961-11	CERAMIC	0.0022MF	10%		3KV	D805	8-719-901-93	DIODE V19E				
C843	1-123-369-00	ELECT	4.7MF	20%		50V	D806	8-719-300-76	DIODE RH1A				
C844	1-108-385-00	MYLAR	0.047MF	10%		100V	D807	8-719-903-09	DIODE V30N				
C845	▲ 1-108-702-11	MYLAR	0.068MF	10%		200V	D809	8-719-901-93	DIODE V19E				
C846	▲ 1-136-044-11	FILM	0.0017MF	3%		1.6KV							
C847	▲ 1-136-044-11	FILM	0.0017MF	3%		1.6KV							

CONNECTOR

D2	▲ 1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
D3	▲ 1-508-765-00	3P PLUG (M)
D4	▲ 1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P
D5	▲ 1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P
D6	▲ 1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
D7	▲ 1-508-765-00	3P PLUG (M)
D8	▲ 1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
D9	▲ 1-560-127-00	PLUG, CONNECTOR (2.5MM) 7P
D10	▲ 1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
D11	▲ 1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
D12	▲ 1-508-768-00	6P PLUG
D13	▲ 1-508-765-00	3P PLUG (M)
D14	▲ 1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
D16	▲ 1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
D17	▲ 1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P

DIODE

D501	8-719-911-19	DIODE 1SS119
D502	8-719-911-19	DIODE 1SS119
D503	8-719-113-07	DIODE RD13E-B
D504	8-719-911-55	DIODE U05G
D505	8-719-911-19	DIODE 1SS119
D507	8-719-911-19	DIODE 1SS119
D508	8-719-911-19	DIODE 1SS119
D509	8-719-911-19	DIODE 1SS119
D513	8-719-300-45	DIODE EM1Z
D515	8-719-911-55	DIODE U05G
D516	8-719-911-19	DIODE 1SS119
D801	8-719-100-80	DIODE RD20E-B2
D802	8-719-300-45	DIODE EM1Z
D803	8-719-300-76	DIODE RH1A
D804	8-719-300-76	DIODE RH1A
D805	8-719-901-93	DIODE V19E
D806	8-719-300-76	DIODE RH1A
D807	8-719-903-09	DIODE V30N
D809	8-719-901-93	DIODE V19E

NOTE:

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Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
D810	8-719-911-19	DIODE 1SS119		Q510	8-729-178-54	TRANSISTOR 2SC2785	
D811	8-719-911-19	DIODE 1SS119		Q511	8-729-178-54	TRANSISTOR 2SC2785	
D812	8-719-100-30	DIODE RD5.1E-B2		Q512	8-729-178-54	TRANSISTOR 2SC2785	
D813	8-719-300-45	DIODE EM1Z		Q513	8-729-178-54	TRANSISTOR 2SC2785	
D814	8-719-300-45	DIODE EM1Z		Q514	8-729-117-54	TRANSISTOR 2SA1175	
D815	8-719-911-19	DIODE 1SS119		Q515	8-729-117-54	TRANSISTOR 2SA1175	
D816	8-719-911-19	DIODE 1SS119		Q516	8-729-178-54	TRANSISTOR 2SC2785	
D817	8-719-300-76	DIODE RH1A		Q518	8-729-178-54	TRANSISTOR 2SC2785	
D818	8-719-300-76	DIODE RH1A		Q519	8-729-117-54	TRANSISTOR 2SA1175	
D819	8-719-300-76	DIODE RH1A		Q520	8-729-255-21	TRANSISTOR 2SC2551	
D820	8-719-911-19	DIODE 1SS119		Q521	8-729-238-32	TRANSISTOR 2SC2383	
<u>CONNECTOR</u>				Q522	8-729-201-32	TRANSISTOR 2SA1013	
DY1	▲:1-506-347-21	4P PLUG		Q523	8-729-178-54	TRANSISTOR 2SC2785	
DY2	▲:1-506-347-21	4P PLUG		Q524	8-729-178-54	TRANSISTOR 2SC2785	
<u>IC</u>				Q801	8-729-168-82	TRANSISTOR 2SC2688	
IC501	8-759-878-03	IC LA7802		Q802	8-729-177-43	TRANSISTOR 2SD774	
IC502	8-759-113-58	IC UPC1358H		Q803	8-729-287-00	TRANSISTOR 2SD870	
IC503	8-759-979-16	IC CX7916			3-701-353-00	SPACER, MICA , Q803	
IC504	8-750-000-74	IC CX20061			3-701-609-00	BUSHING (B), TR , Q803	
IC505	8-759-145-58	IC UPC4558C			▲:4-314-938-01	RETAINER (TO-3), TRANSISTOR , Q803	
IC506	8-719-907-13	DIODE PC713			▲:4-336-010-00	HEAT SINK , Q803	
IC801	8-759-240-11	IC TC4011BP		Q805	8-729-178-54	TRANSISTOR 2SC2785	
<u>COIL</u>				Q806	8-729-178-54	TRANSISTOR 2SC2785	
L801	1-408-247-00	MICRO INDUCTOR 33MMH		Q807	8-729-213-11	TRANSISTOR 2SC2230A	
L802	1-408-247-00	MICRO INDUCTOR 33MMH		Q808	8-729-177-43	TRANSISTOR 2SD774	
L803	▲:1-459-451-11	COIL, FERRITE		Q809	8-729-612-77	TRANSISTOR 2SA1207R	
L804	▲:1-459-261-11	COIL, VARIABLE		Q810	8-729-177-43	TRANSISTOR 2SD774	
L805	▲:1-459-155-11	COIL (WITH CORE) 45MH		<u>RESISTOR</u>			
L806	▲:1-459-155-11	COIL (WITH CORE) 45MH		R501	1-247-831-00	CARBON	1K 5% 1/6W
L807	▲:1-459-261-11	COIL, VARIABLE		R502	1-247-869-00	CARBON	39K 5% 1/6W
L808	1-407-501-31	MICRO INDUCTOR 5.6MMH		R503	1-247-897-00	CARBON	560K 5% 1/6W
L809	1-407-841-00	COIL		R504	1-247-833-00	CARBON	1.2K 5% 1/6W
L811	1-407-166-XX	MICRO INDUCTOR 56UH		R505	1-247-839-00	CARBON	2.2K 5% 1/6W
L812	1-459-155-00	COIL (WITH CORE) 45MH		R506	1-247-887-00	CARBON	220K 5% 1/6W
L813	1-407-364-00	COIL, SPOOK CHOKE		R508	1-247-831-00	CARBON	1K 5% 1/6W
L814	1-408-349-00	COIL, CHOKE		R509	1-247-855-00	CARBON	10K 5% 1/6W
L815	1-407-494-00	MICRO INDUCTOR 1.5MMH		R510	1-246-458-00	CARBON	240 5% 1/4W
L816	▲:1-459-457-11	COIL, VARIABLE		R511	1-215-471-00	METAL	120K 1% 1/6W
L817	1-407-693-00	MICRO INDUCTOR 10UH		R512	1-212-970-51	FUSIBLE	33 5% 1/2W F
L818	1-407-501-31	MICRO INDUCTOR 5.6MMH		R513	1-217-477-00	FUSIBLE	4.7 5% 1W F
<u>TRANSISTOR</u>				R514	1-247-829-00	CARBON	820 5% 1/6W
Q501	8-729-117-54	TRANSISTOR 2SA1175		R515	1-215-466-31	METAL	75K 1% 1/6W
Q502	8-729-313-42	TRANSISTOR 2SD1134		R516	1-247-839-00	CARBON	2.2K 5% 1/6W
Q503	8-729-178-54	TRANSISTOR 2SC2785		R517	1-247-819-00	CARBON	330 5% 1/6W
Q504	8-729-178-54	TRANSISTOR 2SC2785		R519	1-215-458-00	CARBON	36K 5% 1/6W
Q505	8-729-117-54	TRANSISTOR 2SA1175		R520	1-247-871-00	CARBON	47K 5% 1/6W
Q506	8-729-178-54	TRANSISTOR 2SC2785		R521	1-212-365-00	METAL OXIDE	2.7 5% 1W F
Q507	8-729-178-54	TRANSISTOR 2SC2785		R522	1-247-850-00	CARBON	6.2K 5% 1/6W
Q508	8-729-117-54	TRANSISTOR 2SA1175		R523	1-247-883-00	CARBON	150K 5% 1/6W
Q509	8-729-178-54	TRANSISTOR 2SC2785		R524	1-247-831-00	CARBON	1K 5% 1/6W
				R525	1-247-841-00	CARBON	2.7K 5% 1/6W
				R527	1-247-844-00	CARBON	3.6K 5% 1/6W

NOTE:

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Ref.No	Part No	Description			Remark	Ref.No	Part No	Description			Remark
R529	1-247-841-00	CARBON	2.7K	5%	1/6W	R589	1-247-831-00	CARBON	1K	5%	1/6W
R530	1-247-849-00	CARBON	5.6K	5%	1/6W	R590	1-247-827-00	CARBON	680	5%	1/6W
R531	1-247-855-00	CARBON	10K	5%	1/6W	R591	1-211-602-00	CARBON	33	5%	1/2W F
R532	1-247-862-00	CARBON	20K	5%	1/6W	R592	1-247-879-00	CARBON	100K	5%	1/6W
R533	1-247-843-00	CARBON	3.3K	5%	1/6W	R593	1-247-841-00	CARBON	2.7K	5%	1/6W
R534	1-247-843-00	CARBON	3.3K	5%	1/6W	R594	1-247-875-00	CARBON	68K	5%	1/6W
R535	1-247-855-00	CARBON	10K	5%	1/6W	R595	1-247-873-00	CARBON	56K	5%	1/6W
R536	1-247-855-00	CARBON	10K	5%	1/6W	R596	1-247-807-00	CARBON	100	5%	1/6W
R537	1-246-465-00	CARBON	470	5%	1/4W	R597	1-247-807-00	CARBON	100	5%	1/6W
R538	1-215-481-31	METAL	330K	1%	1/6W	R598	1-247-852-00	CARBON	7.5K	5%	1/6W
R539	1-247-876-00	CARBON	75K	5%	1/6W	R599	1-215-454-00	METAL	24K	1%	1/6W
R540	1-247-839-00	CARBON	2.2K	5%	1/6W	R601	1-247-843-00	CARBON	3.3K	5%	1/6W
R541	1-247-839-00	CARBON	2.2K	5%	1/6W	R602	1-247-855-00	CARBON	10K	5%	1/6W
R542	1-247-867-00	CARBON	33K	5%	1/6W	R603	1-247-855-00	CARBON	10K	5%	1/6W
R543	1-247-831-00	CARBON	1K	5%	1/6W	R604	1-202-649-15	SOLID	1.5M	5%	1/2W
R544	1-247-831-00	CARBON	1K	5%	1/6W	R605	1-247-854-00	CARBON	9.1K	5%	1/6W
R545	1-247-819-00	CARBON	330	5%	1/6W	R606	1-247-843-00	CARBON	3.3K	5%	1/6W
R546	1-247-875-00	CARBON	68K	5%	1/6W	R607	1-213-137-00	METAL OXIDE	330	5%	1W F
R547	1-247-857-00	CARBON	12K	5%	1/6W	R608	1-213-137-00	METAL OXIDE	330	5%	1W F
R548	1-247-855-00	CARBON	10K	5%	1/6W	R612	1-212-861-11	FUSIBLE	15	5%	1/4W F
R549	1-247-843-00	CARBON	3.3K	5%	1/6W	R613	1-247-829-00	CARBON	820	5%	1/6W
R550	1-247-807-00	CARBON	100	5%	1/6W	*R615	1-246-417-00	CARBON	4.7	1%	1/4W
R551	1-247-873-00	CARBON	56K	5%	1/6W	*R615	1-246-418-11	CARBON	5.1	1%	1/4W
R552	1-247-872-00	CARBON	51K	5%	1/6W	*R615	1-246-419-00	CARBON	5.6	1%	1/4W
R553	1-247-847-00	CARBON	4.7K	5%	1/6W	*R615	1-246-420-11	CARBON	6.2	1%	1/4W
R554	1-247-861-00	CARBON	18K	5%	1/6W	*R615	1-246-422-11	CARBON	7.5	1%	1/4W
R555	1-247-841-00	CARBON	2.7K	5%	1/6W	*R615	1-246-424-00	CARBON	9.1	1%	1/4W
R557	1-247-807-00	CARBON	100	5%	1/6W	*R615	1-246-427-00	CARBON	12	1%	1/4W
R558	1-247-831-00	CARBON	1K	5%	1/6W	R616	1-247-878-00	CARBON	91K		1/6W
R559	1-247-875-00	CARBON	68K	5%	1/6W	R617	1-247-807-00	CARBON	100	5%	1/6W
R561	1-247-807-00	CARBON	100	5%	1/6W	R618	1-246-489-00	CARBON	4.7K	1%	1/4W
R562	1-247-841-00	CARBON	2.7K	5%	1/6W	R619	1-206-660-00	METAL OXIDE	680	5%	2W F
R563	1-247-807-00	CARBON	100	5%	1/6W	R620	1-247-852-00	CARBON	7.5K	5%	1/6W
R564	1-247-852-00	CARBON	7.5K	5%	1/6W	R801	1-247-852-00	CARBON	7.5K	5%	1/6W
R565	1-247-879-00	CARBON	100K	5%	1/6W	R802	1-247-869-00	CARBON	39K	5%	1/6W
R566	1-247-807-00	CARBON	100	5%	1/6W	R804	1-206-746-00	METAL OXIDE	7.5K	5%	3W F
R567	1-247-825-00	CARBON	560	5%	1/6W	R805	1-246-783-00	CARBON	1K	5%	1/8W F
R568	1-247-840-00	CARBON	2.4K	5%	1/6W	R806	1-247-852-00	CARBON	7.5K	5%	1/6W
R569	1-247-831-00	CARBON	1K	5%	1/6W	R808	1-247-799-00	CARBON	47	5%	1/6W
R570	1-247-807-00	CARBON	100	5%	1/6W	R809	1-247-822-00	CARBON	430	5%	1/6W
R571	1-247-831-00	CARBON	1K	5%	1/6W	R810	1-247-819-00	CARBON	330	5%	1/6W
R572	1-247-889-00	CARBON	270K	5%	1/6W	R811	1-247-831-00	CARBON	1K	5%	1/6W
R573	1-247-865-00	CARBON	27K	5%	1/6W	R812	1-212-358-51	METAL OXIDE	0.68	5%	1W F
R574	1-247-835-00	CARBON	1.5K	5%	1/6W	R813	1-247-822-00	CARBON	430	5%	1/6W
R575	1-247-851-00	CARBON	6.8K	5%	1/6W	R814	1-246-483-00	CARBON	2.7K	5%	1/4W
R576	1-247-840-00	CARBON	2.4K	5%	1/6W	R815	1-247-855-00	CARBON	10K	5%	1/6W
R581	1-247-855-00	CARBON	10K	5%	1/6W	R816	1-247-859-00	CARBON	15K	5%	1/6W
R582	1-211-602-00	CARBON	33	5%	1/2W F	R817	1-247-864-00	CARBON	24K	5%	1/6W
R583	1-247-831-00	CARBON	1K	5%	1/6W	R818	1-213-159-00	METAL OXIDE	22K	5%	1W F
R584	1-247-878-00	CARBON	91K	5%	1/6W	R819	1-247-012-00	CARBON	1K	5%	1/4W F
R585	1-212-992-00	FUSIBLE	270	5%	1/2W F	R820	1-247-659-00	CARBON	68	5%	1/4W F
R586	1-246-507-00	CARBON	27K	5%	1/4W	R821	1-213-129-00	METAL OXIDE	68	5%	1W F
R587	1-246-497-00	CARBON	10K	5%	1/4W	R822	1-206-664-00	METAL OXIDE	1K	5%	2W F
						R823	1-206-660-00	METAL OXIDE	680	5%	2W F

D

H

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
R825	1-244-925-00	CARBON	150K 5% 1/2W	RV804	1-228-577-00	RES, ADJ, CARBON 220	
R828	1-244-923-00	CARBON	120K 5% 1/2W			<u>RELAY</u>	
R828A	1-244-923-00	CARBON	120K 5% 1/2W	RY501	1-515-323-00	RELAY	
R829	1-214-752-00	METAL	9.1K 1% 1/4W	RY801	1-515-357-00	RELAY	
R829A	1-214-879-00	METAL	4.3K 1% 1/2W	RY802	1-515-307-00	RELAY	
						<u>SPARK GAP</u>	
R829B	1-214-880-00	METAL	4.7K 1% 1/2W	SG801	1-519-063-XX	DISCHARGING GAP	
R830	1-247-614-00	CARBON	3.3K 5% 1/8W			<u>TRANSFORMER</u>	
R831	1-213-143-00	METAL OXIDE	1K 5% 1W F	T501	1-427-512-11	TRANSFORMER, INPUT/OUTPUT	
R832	1-247-840-00	CARBON	2.4K 5% 1/6W	T801	1-437-090-00	HDT	
R833	1-247-662-00	CARBON	560 5% 1/4W F	T803	1-421-583-11	TRANSFORMER, FERRITE (HPCT)	

R834	1-244-861-00	CARBON	330 5% 1/2W			♣:1-609-371-00 H BOARD	
R835	1-247-867-00	CARBON	33K 5% 1/6W			*****	
R838	1-247-840-00	CARBON	2.4K 5% 1/6W			♣:1-555-707-00 CONNECTOR ASSY (2.5MM) 10P	
R839	1-247-855-00	CARBON	10K 5% 1/6W			♣:1-556-321-00 CONNECTOR ASSY (2.5MM) 7P	
R840	1-247-838-00	CARBON	2K 5% 1/6W			♣:1-556-338-00 COINNECTOR ASSY (2.5MM) 3P	
						♣:1-556-398-00 CONNECTOR ASSY (2.5MM) 5P	
R841	1-247-824-00	CARBON	510 5% 1/6W			♣:1-556-584-00 CONNECTOR ASSY (2.5MM) 2P	
R842	1-247-839-00	CARBON	2.2K 5% 1/6W			♣:1-556-585-00 CONNECTOR ASSY (2.5MM) 2P	
R843	1-247-889-00	CARBON	270K 5% 1/6W			♣:1-556-652-00 CONNECTOR ASSY (2.5MM) 4P	
R844	1-247-883-00	CARBON	150K 5% 1/6W			♣:4-365-401-00 HOLDER (10 GANG), LED	
R845	1-247-874-00	CARBON	62K 5% 1/6W			<u>DIODE</u>	
				D401	8-719-114-34	DIODE SY432D	
R847	1-247-851-00	CARBON	6.8K 5% 1/6W	D402	8-719-114-34	DIODE SY432D	
R848	1-247-857-00	CARBON	12K 5% 1/6W	D403	8-719-114-34	DIODE SY432D	
R850	1-247-850-00	CARBON	6.2K 5% 1/6W	D404	8-719-114-34	DIODE SY432D	
R851	1-247-859-00	CARBON	15K 5% 1/6W	D405	8-719-114-34	DIODE SY432D	
R852	1-247-849-00	CARBON	5.6K 5% 1/6W	D406	8-719-114-34	DIODE SY432D	
				D407	8-719-114-34	DIODE SY432D	
R853	1-247-831-00	CARBON	1K 5% 1/6W	D408	8-719-114-34	DIODE SY432D	
R854	1-206-745-00	METAL OXIDE	6.8K 5% 3W F	D409	8-719-114-34	DIODE SY432D	
R855	1-247-873-00	CARBON	56K 5% 1/6W	D410	8-719-102-34	DIODE SG232D	
R856	1-247-858-00	CARBON	13K 5% 1/6W				
R857	1-217-418-00	FUSIBLE	0.47 5% 1/2W F	D411	8-719-160-08	DIODE RD3.0F-B1	
						<u>TRANSISTOR</u>	
R858	1-217-418-00	FUSIBLE	0.47 5% 1/2W F	Q401	8-729-178-54	TRANSISTOR 2SC2785	
R859	1-247-800-00	CARBON	51 5% 1/6W			<u>RESISTOR</u>	
R860	1-247-861-00	CARBON	18K 5% 1/6W	R401	1-247-855-00	CARBON	10K 5% 1/6W
R861	1-247-890-00	CARBON	300K 5% 1/6W	R402	1-247-868-00	CARBON	36K 5% 1/6W
R862	1-246-509-00	CARBON	33K 5% 1/4W	R403	1-247-839-00	CARBON	2.2K 5% 1/6W
				R404	1-247-824-00	CARBON	510 5% 1/6W
R863	1-247-861-00	CARBON	18K 5% 1/6W	R405	1-247-831-00	CARBON	1K 5% 1/6W
R864	1-247-867-00	CARBON	33K 5% 1/6W				
R865	1-211-533-00	CARBON	300 5% 1/4W F	R406	1-247-831-00	CARBON	1K 5% 1/6W
R868	1-247-646-00	CARBON	1 5% 1/4W F	R407	1-247-852-00	CARBON	7.5K 5% 1/6W
R869	1-247-831-00	CARBON	1K 5% 1/6W				
R870	1-247-646-00	CARBON	1 5% 1/4W F				
R871	1-247-831-00	CARBON	1K 5% 1/6W				
R872	1-213-149-00	METAL OXIDE	3.3 5% 1W F				
		<u>VARIABLE RESISTOR</u>					
RV501	1-226-136-00	RES, ADJ, CARBON 10K					
RV502	1-224-965-00	RES, ADJ, CARBON 470					
RV503	1-224-965-00	RES, ADJ, CARBON 470					
RV504	1-226-774-00	RES, ADJ, METAL GLAZE 47K					
RV506	1-223-021-00	RES, ADJ, WIREWOUND 1K					
RV801	1-228-160-11	RES, ADJ, METAL GLAZE 5K					
RV802	1-226-851-00	RES, ADJ, CARBON 10K					
RV803	1-226-057-00	RES, ADJ, CARBON 22K					

NOTE:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

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Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
R408	1-247-831-00	CARBON	1K 5% 1/6W	SP901	1-503-109-00	SPEAKER	
R409	1-247-867-00	CARBON	33K 5% 1/6W	T802	1-439-308-11	TRANSFORMER ASSY, FLYBACK	
				V901	1-8-738-312-05	CRT (330YB22)	
VARIABLE RESISTOR				*****			
RV401	1-228-937-00	VR 20K		ACCESSORIES AND PACKING MATERIALS			
RV402	1-228-938-00	VR 20K		*****			
RV403	1-228-938-00	VR 20K		Part.No	Description	Remark	
RV404	1-228-938-00	VR 20K		4-316-037-00	BAG, POLYETHYLENE		
RV405	1-228-936-00	VR 10K		4-364-734-00	CUSHION (UPPER) (ASSY)		
RV406	1-228-936-00	VR 10K		4-364-735-00	CUSHION (LOWER) (ASSY)		
SWITCH				4-365-410-00	INDIVIDUAL CARTON		
S401	1-516-970-00	SWITCH, SLIDE		4-493-779-11	MANUAL, INSTRUCTION		
S402	1-516-970-00	SWITCH, SLIDE					
S403	1-516-970-00	SWITCH, SLIDE					
S404	1-554-118-00	SWITCH, PUSH					
S405	1-554-405-00	SWITCH, PUSH (5 KEY)					

MISCELLANEOUS							

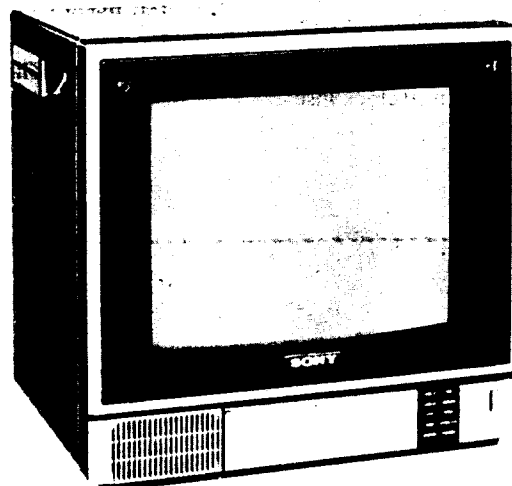
A-1-162-142-21	CAP BLOCK, HIGH VOLTAGE						
A-1-228-482-12	RESISTOR ASSY, HIGH-VOLTAGE						
1-452-032-00	MAGNET, DISK ; 10MM ϕ						
1-452-094-00	MAGNET, ROTATABLE DISK ; 15MM ϕ						
1-452-146-00	MAGNET, BMC						
A-1-452-214-12	CRT NECK ASSY (H TYPE)						
A-1-509-779-00	6P CONNECTOR ASSY						
A-1-551-604-00	CONNECTOR ASSY, MINIATURE 3P						
A-1-551-793-00	CONNECTOR ASSY (L) 2P						
A-1-551-854-00	CONNECTOR ASSY 1P						
A-1-555-014-00	CONNECTOR ASSY MINIATURE 3P						
A-1-555-200-00	CONNECTOR ASSY (2.5MM) 4P						
A-1-555-345-00	CONNECTOR ASSY (2.5MM) 2P						
A-1-555-348-00	CONNECTOR, MINIATURE 1P						
A-1-555-707-00	CONNECTOR ASSY (2.5MM) 10P						
A-1-555-957-00	CONNECTOR ASSY (2.5MM) 2P						
A-1-555-962-00	CONNECTOR ASSY (2.5MM) 5P						
A-1-555-965-00	CONNECTOR ASSY (2.5MM) 5P						
A-1-555-973-00	CONNECTOR ASSY (LARGE) 4P						
A-1-556-016-00	CONNECTOR ASSY (2.5MM) 3P						
A-1-556-018-00	CONNECTOR ASSY (2.5MM) 3P						
A-1-556-148-00	CONNECTOR ASSY, MINIATURE 3P						
A-1-556-584-00	CONNECTOR ASSY (2.5MM) 2P						
A-1-556-585-00	CONNECTOR ASSY (2.5MM) 2P						
A-1-556-671-00	CONNECTOR ASSY (2.5MM) 8P						
A-1-556-855-00	CONNECTOR ASSY (2.5MM) 12P						
L901	A-1-451-160-32	DEFLECTION YOKE (SY-97)					
L902	A-1-426-086-12	COIL, DE GAUSSING					
L903	A-1-426-086-12	COIL, DE GAUSSING					
S901	A-1-553-225-12	SWITCH, PUSH (POWER)					

PVM-1370QM

ADJUSTMENT MANUAL

AEP Model

Chassis No. SCC-473A-A



January, 1984

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TRINITRON®
COLOR MONITOR
SONY®

MON

SECTION 1 SETUP ADJUSTMENTS

The following adjustments should be made when a complete realignment is required or a new picture tube is installed.

Controls and switch should be set as follows unless otherwise noted:

BRT, CONTR controls fully clockwise

Make the following adjustments in the order follows given:

- 1-1. Beam Landing.
- 1-2. Convergence.
- 1-3. White Balance.

Note: Test Equipment Required

1. Color-bar/pattern generator
2. Degausser
3. Video tuner.

1-1. BEAM LANDING

Preparation:

- Before starting, degauss the entire screen.
1. Loosen deflection yoke screw.
 2. Remove deflection yoke spacers.
 3. Adjust purity control to center the slide between two projections as shown in Fig. 1-1.
 4. Slide deflection yoke as far forward as it will go.
 5. Apply crosshatch pattern signal to VIDEO IN/OUT connector through video tuner.
 6. Turn RED CUT OFF VR (RV705) MAX and GREEN and BLUE CUT OFF VR (RV703) (RV701) MIN.
 7. Turn purity control to center vertical red band as shown in Fig. 1-2.
 8. Slide deflection yoke back for a uniform red screen.
 9. Check green and blue rasters for uniformity. Repeat the steps 6, 7 and 8.
 10. Turn all CUT OFF VR (RV701, 703, 705) for mechanical CENTER.
 11. Install the deflection yoke spacers.
 12. Tighten the deflection yoke screw.
 13. Check if mislanding appears at corners a-d as shown in Fig. 1-3. If mislanding is observed, correct it as shown in Fig. 1-4.

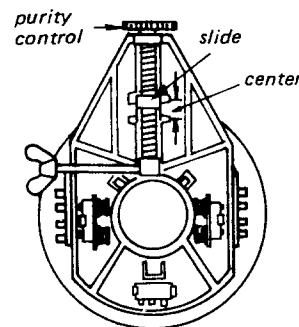


Fig. 1-1

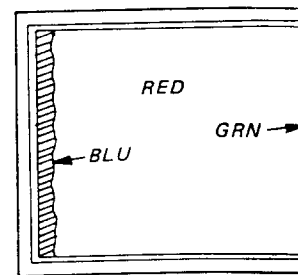


Fig. 1-2

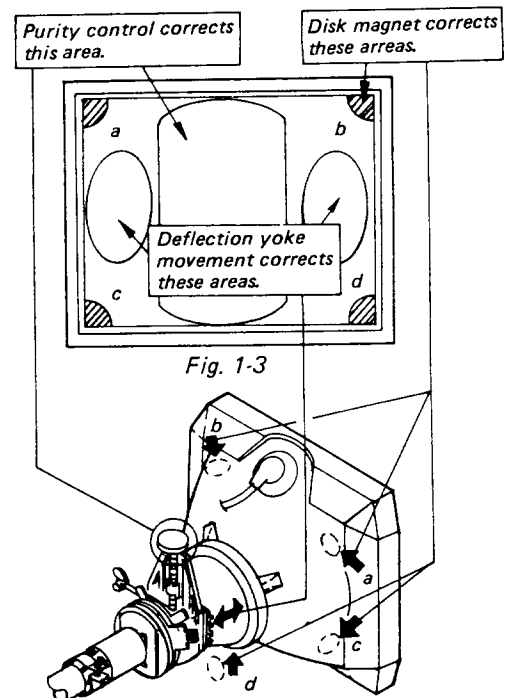


Fig. 1-3

Fig. 1-4

1-2. CONVERGENCE

Preparation:

- Before starting, make FOCUS, H.SIZE, V.SIZE and V.LIN adjustments.
- Turn BRT control fully counterclockwise.
- Feed in the dot pattern.

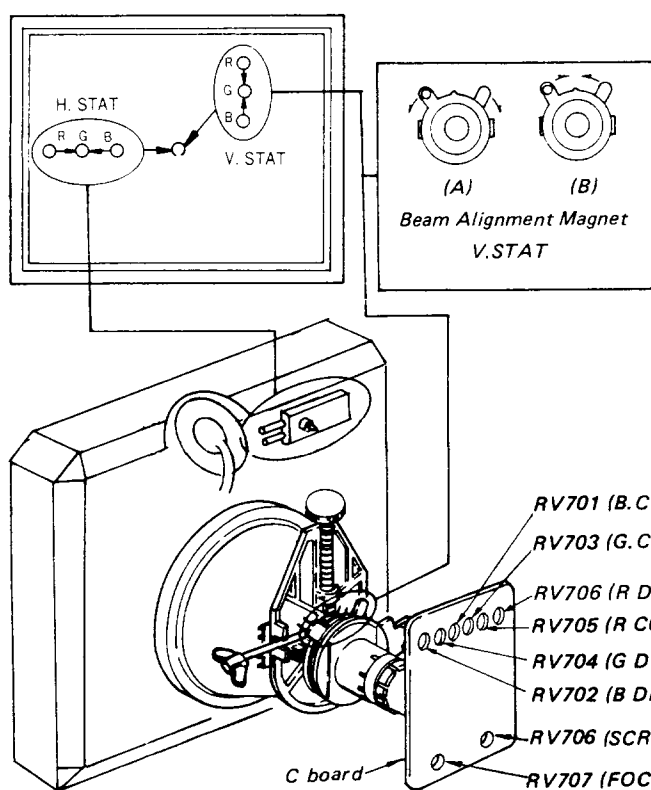
(1) Horizontal Static Convergence and Vertical Static Convergence

If blue dot does not coincide with red and green dots,

Move BMC magnet to correct insufficient H. Static convergence.

Rotate BMC magnet to correct insufficient V. static convergence.

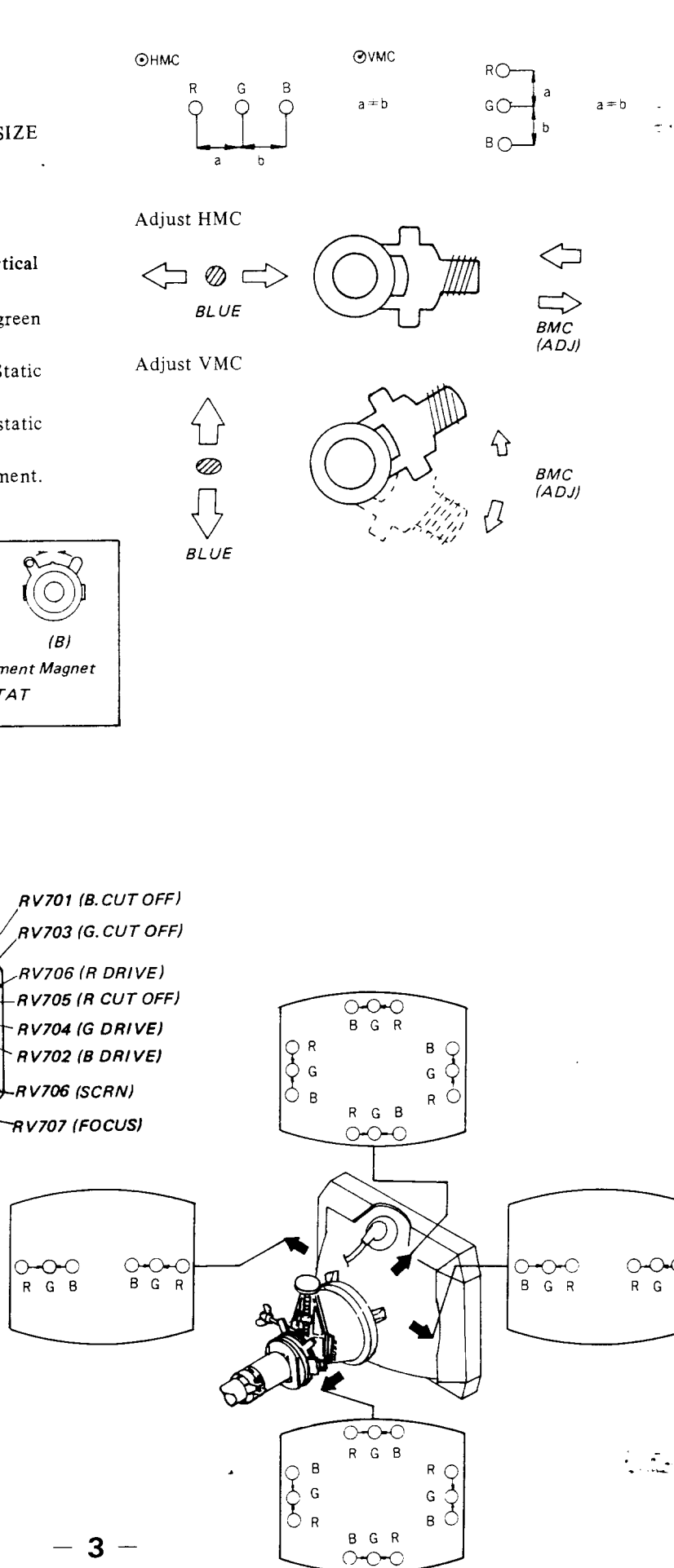
In either case, repeat Beam Landing Adjustment.



(2) Dynamic Convergence Adjustment

Preparation:

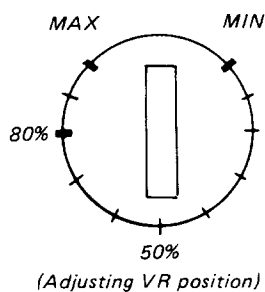
- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.
1. Loosen deflection yoke screw.
 2. Remove deflection yoke spacers.
 3. Move the deflection yoke for best convergence as shown below.
 4. Tighten the deflection yoke screw.
 5. Install the deflection yoke spacers.



1-3. WHITE BALANCE

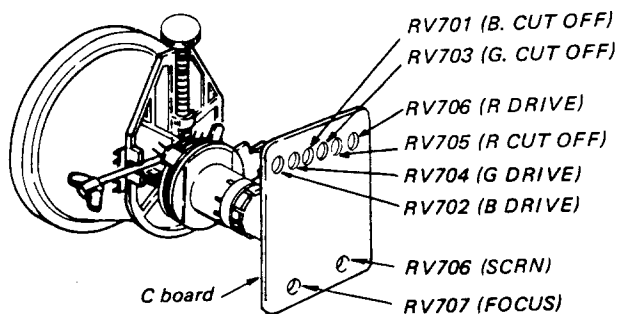
(1) SCREEN (G2)

1. Input a dots pattern.
2. Set the PICTURE control at minimum and turn the BRIGHT control fully counterclock wise.
3. Confirm that BKG voltage is less than 110V dc when turning RV705 (R.BKG), RV703 (G.BKG) and RV701 (B.BKG).
4. Note the color which becomes visible first when turning RV706 (SCREEN VR).



(2) WHITE BALANCE

1. Input a cross-hatch pattern.
2. Set the PICTURE control to minimum and turn the BRIGHT control click position.
3. Turn RV702 (B.DRIVE) and RV704 (G.DRIVE) fully clockwise.
4. Set RV705 (R.BKG), RV703 (G.BKG) and RV701 (B.BKG) to minimum.
5. Turn RV307 (SUB BRT) slowly to obtain a faintly visible cross-hatch. Note the color that first becomes visible by turning RV307. Do not turn a BKG control for this color.
6. Adjust the other two BKG controls for best white balance (neutral gray) of the faint cross-hatch.
Set the PICTURE control to maximum and turn the BRIGHT control fully clockwise. Observe the screen and adjust the DRIVE controls for best white balance.
7. Repeat steps 1. through 6. several times.



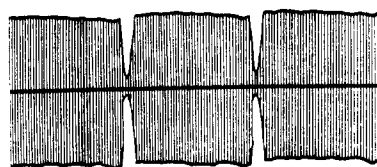
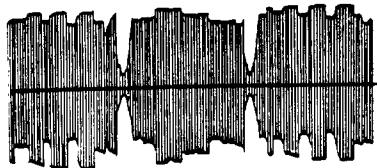
SECTION 2

CIRCUIT ADJUSTMENTS

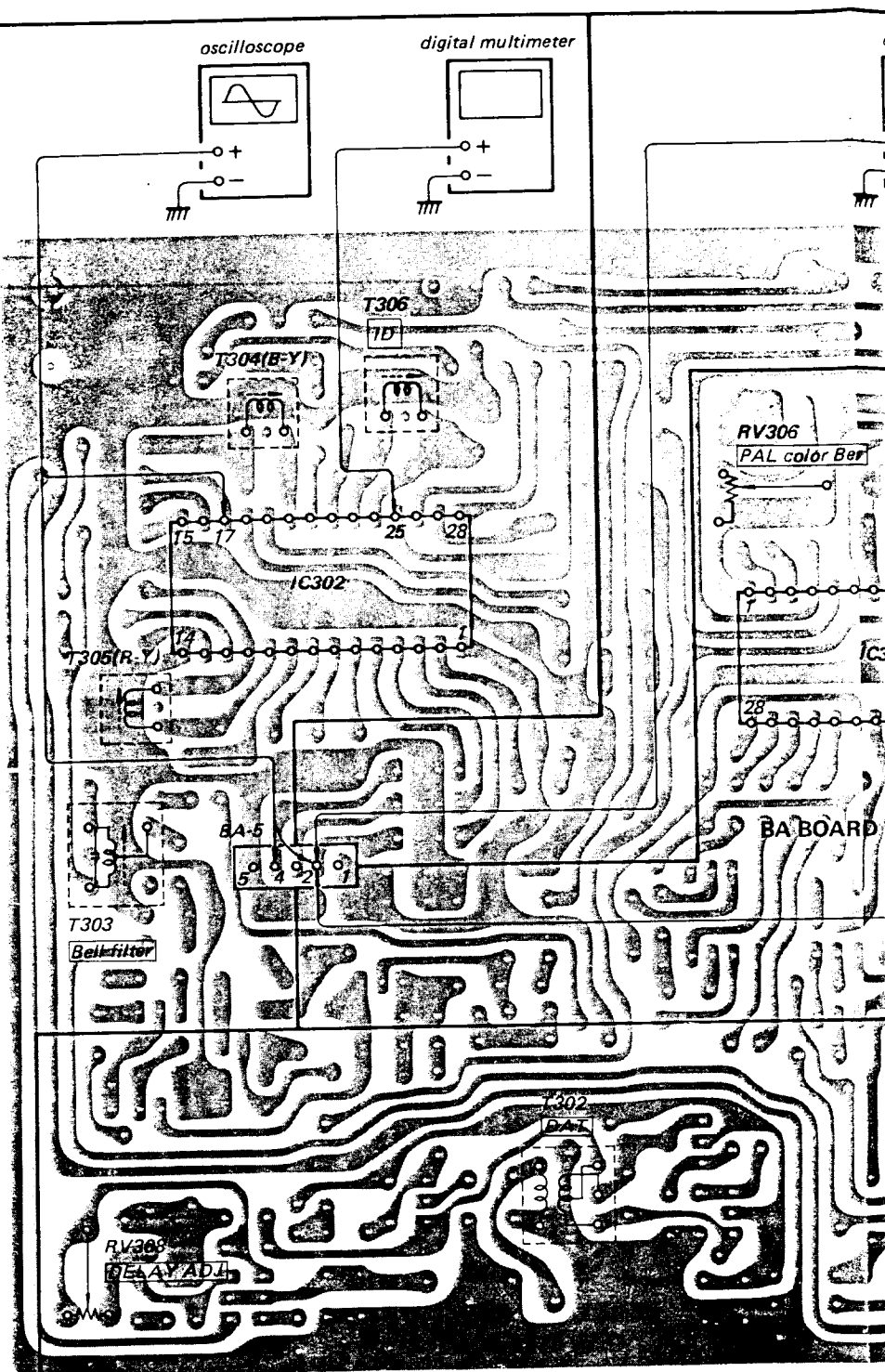
2-1. BA BOARD ADJUSTMENT

SECAM Adjustment

- (1) Bell Filter Adjustment
 - 1) Input a SECAM color bar.
 - 2) Observe IC302 pin 17 waveform and adjust T303 (bell filter) so that the waveform level is uniform.



- (2) ID Adjustment (Intermodulation distortion)
 - 1) Input a SECAM color bar.
 - 2) Connect a digital voltmeter between IC302 pin 25 and ground, and adjust T306 so that the digital voltmeter reading is maximum.
- (3) Color Balance Adjustment
 - 1) Input a SECAM color bar.
 - 2) PICTURE 80%
COLOR 50%
BRT 50%
 - 3) Observe B-5 connector pin 2 (B out) waveform on the oscilloscope and adjust T304 (B-Y) so that the black portion of the color bar is the same level as the pedestal.
 - 4) Observe B-5 connector pin 4 (R out) waveform on the oscilloscope and adjust T305 (R-Y) so that the black portion of the color bar is the same level as the pedestal.



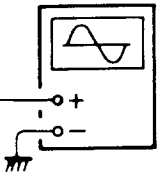
Anti-PAL, Line Crawling Adjustment

- (1) Anti-PAL Adjustment
 - 1) Input a special color bar.
 - 2) PICTURE 80%
COLOR 50%
BRT 50%

- 3) Confirm that there is no color on the first anti-PAL signal frames at the right and left of the picture. If there is, adjust to remove the anti-PAL color at both sides while tracking with RV301 (HUE CENT) and RV308 (DELAY ADJ.).

- (2) Line Crawling Adjustment
 - 1) Input a PAL color bar.
 - 2) Adjust T302 (DAT) for line crawling.
 - 3) Confirm the anti-PAL adjustment in (1), and repeat (2) as necessary.

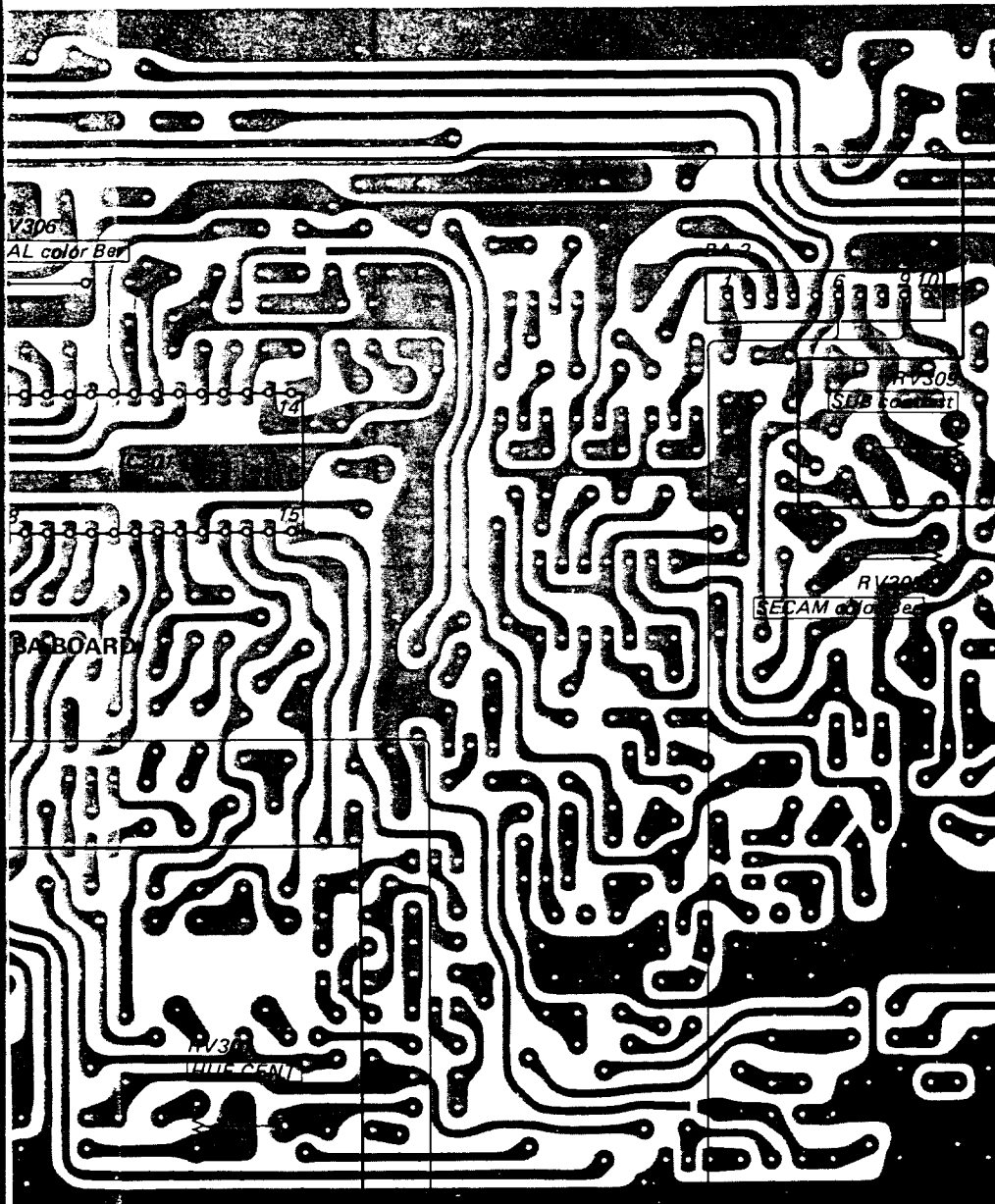
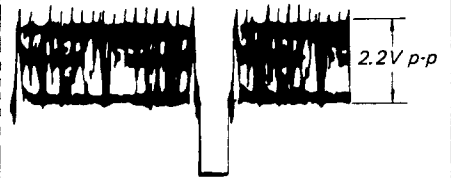
oscilloscope



Sub Contrast Adjustment

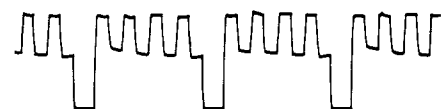
- 1) Input a monoscope signal.
- 2) BRT: mechanical center
PICTURE: maximum (turned fully clockwise)

- 3) Observe BA-5 connector pin 2 (B out) on the oscilloscope and adjust the sub contrast control (RV309) so that the signal component is 2.2Vp-p.

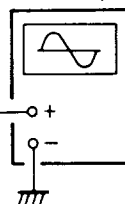
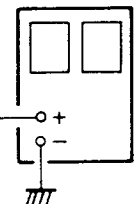


Sub Color Adjustment

- 1) PICTURE 80%
COLOR 50%
BRT 50%
- 2) Apply $10.0 \pm 0.05V$ to B-2 connector pin 9, and $5.8 \pm 0.05V$ to B-2 connector pin 6.
- 3) Input a SECAM color bar.
- 4) Adjust RV305 so that B-5 connector pin 2 (B out) waveform is as shown in the figure.
- 5) Input a PAL color bar.
- 6) Observe B board BA-5 connector plug B out waveform on the oscilloscope and adjust RV306 so that the waveform height is even.



oscilloscope

regulated-dc
power supply

adjustment
color bar.
? (DAT) for minimum

anti-PAL adjustment
repeat (2) and (1) if

Chroma Trap Adjustment

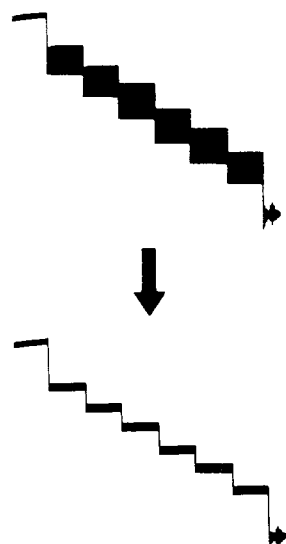
- (1) 4.43 Trap Adjustment
- 1) Input a PAL color bar.
 - 2) Observe IC301 pin 28 waveform on the oscilloscope and adjust T307 for minimum chroma component.
- (2) SECAM Trap Adjustment
- 1) Input a SECAM color bar.
 - 2) Observe IC301 pin 28 waveform on the oscilloscope and adjust T308 for minimum chroma component.

Killer Point Adjustment

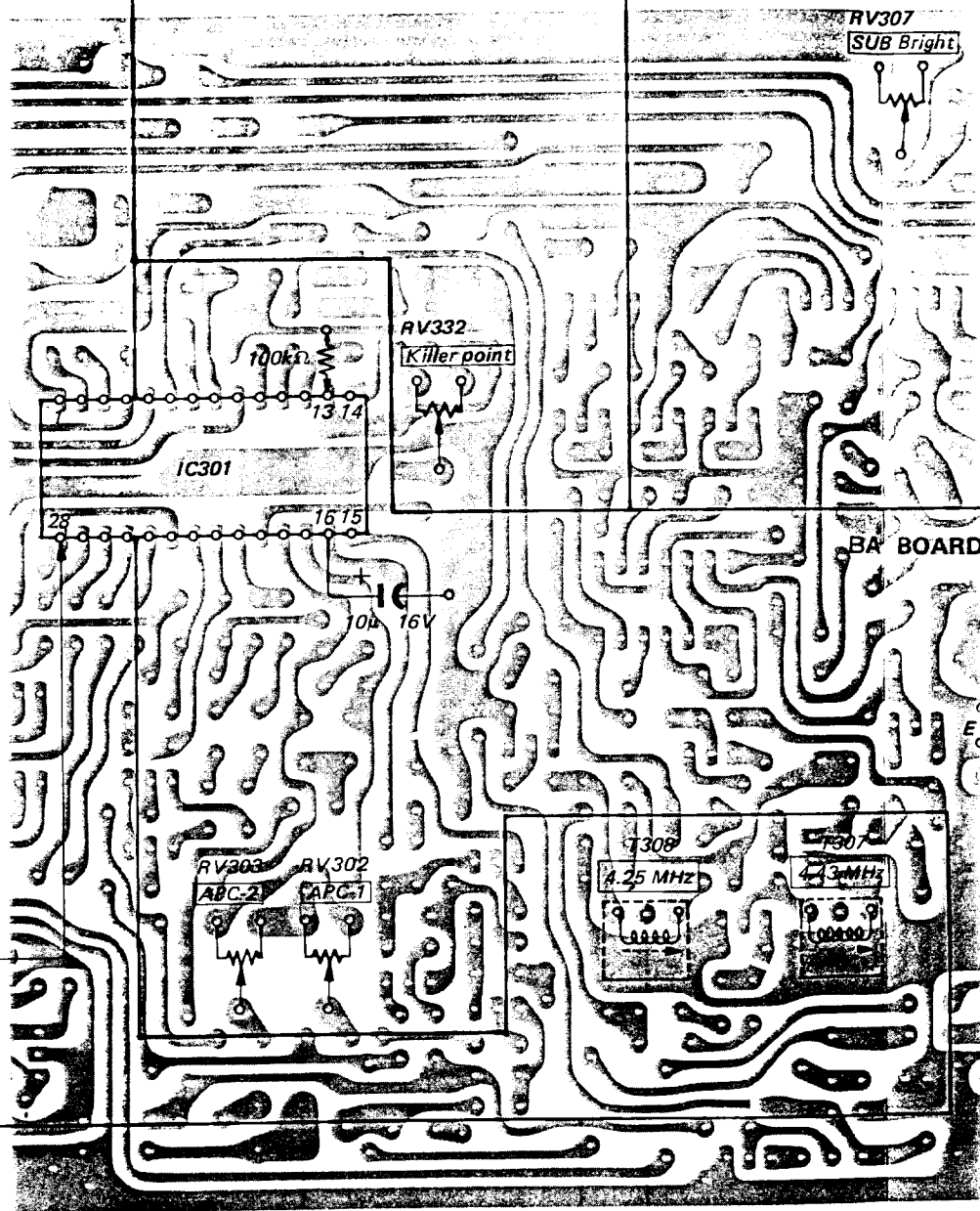
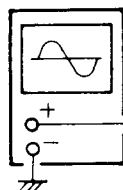
Adjust RV332 so that its center point voltage is $8.0 \pm 0.1V$.

Sub Bright Adjustment

- 1) Input a monoscope signal.
- 2) Set BRT and PICTURE minimum (fully counterclockwise).
- 3) Observe BA-5 connector pin out) on the oscilloscope as sub bright (RV307) so that level is 2.0V p-p.



oscilloscope

**APC Adjustment**

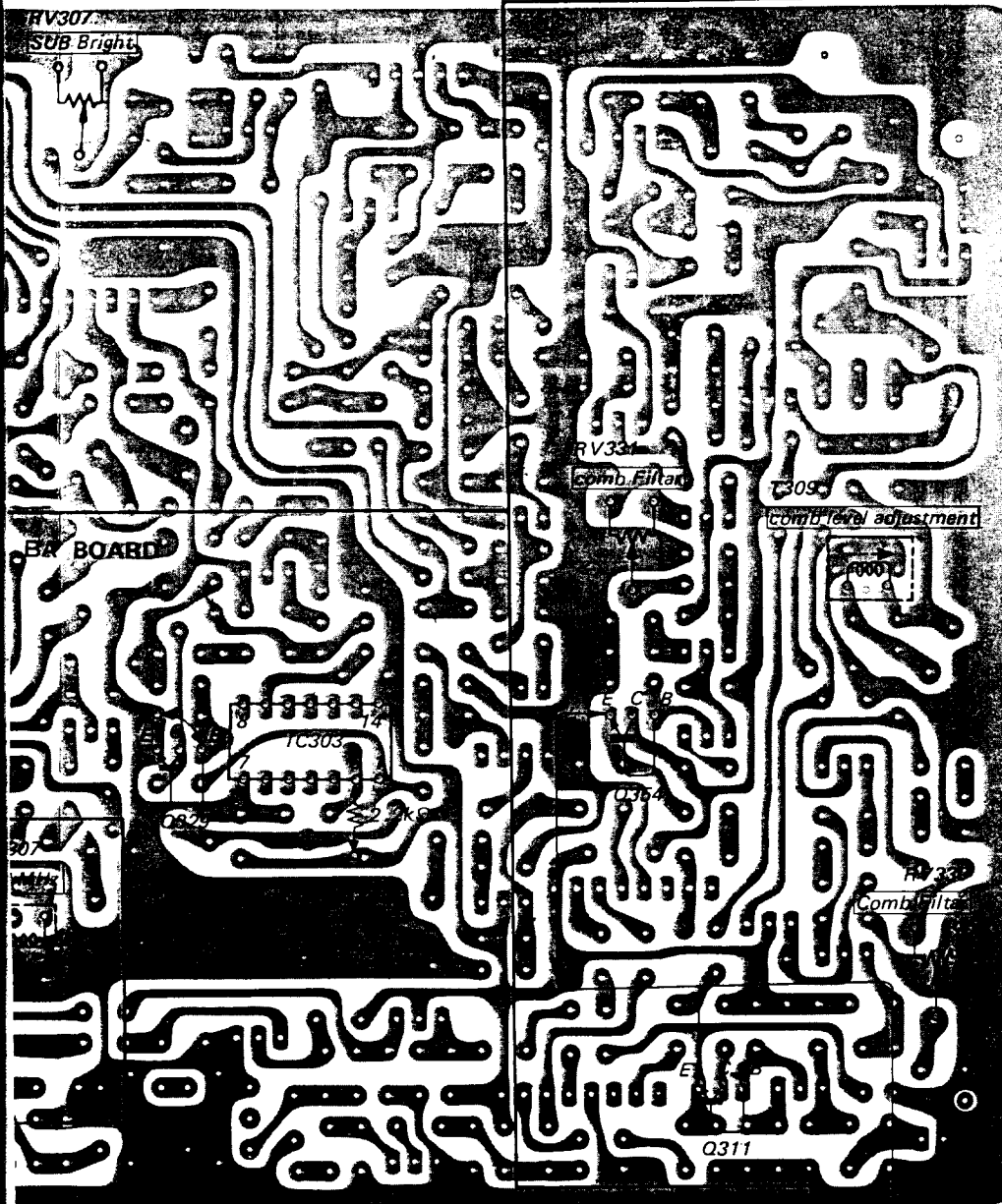
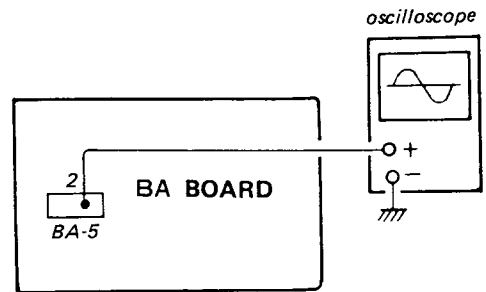
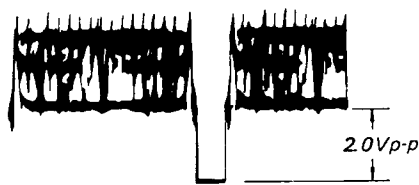
- (1) 4.43 (APC-2) Adjustment
- 1) Input a PAL color bar.
 - 2) Connect a 100kΩ resistor between IC301 pin 13 and ground. (Killer circuit goes off.)
 - 3) Connect IC303 pin 2 to +B via the 2.2kΩ resistor to get 4.43 mode.

- 4) Ground IC301 pin 16 with a 10μF/16V chemical capacitor and remove color sync.
- 5) Adjust RV303 (APC-2) to get color sync.

- (2) 3.58 (APC-1) Adjustment
- 1) Input a NTSC color bar.
 - 2) Connect a 100kΩ resistor between IC301 pin 13 and ground (circuit goes off.)
 - 3) Ground IC301 pin 16 10μF/16V chemical capacitor remove color sync.

Adjustment

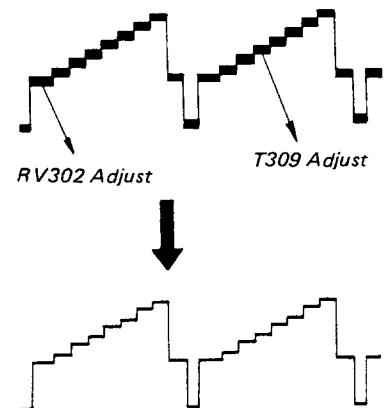
monoscope signal.
and PICTURE to mini-
y counterclockwise).
A-5 connector pin 2 (B
the oscilloscope and adjust
(RV307) so that pedestal
0V p-p.



Comb Filter Adjustment

(1) 1H Delay Adjustment

- 1) Input a NTSC color bar.
- 2) Observe the Q354 emitter wave-
form on the oscilloscope, and ad-
just so that the chroma component
is minimum, while tracking with
RV330 and T309.

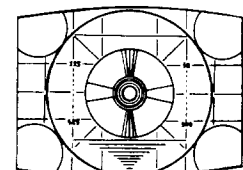
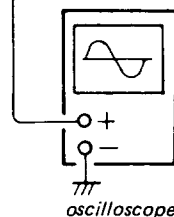


(2) Comb Filter Output Adjustment

- 1) Input a monoscope signal.
- 2) Adjust RV331 (comb level adjust-
ment) so that Q354 emitter signal
level is the same as Q311 emitter
signal level.

Adjustment
SC color bar.
100kΩ resistor between
13 and ground. (Killer
off.)
301 pin 16 with a
chemical capacitor and
or sync.

- 4) Ground Q329 base momentarily to
get 3.58 mode.
- 5) Adjust RV302 (APC-1) to get color
sync.



(monoscope signal)

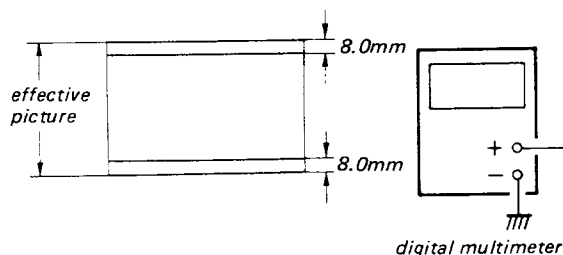
2-2. D Board Adjustment

Preparation

1. Set AFC switch S/F to F (fast mode).
2. Set SCAN switch N/U to N (normal mode).
3. Set SYNC switch INT/EXT to INT (INT mode).

Vertical Deflection Adjustment

- (1) Input a monoscope signal (NTSC).
- (2) PICTURE 80%
BRT 50%
SCAN N/U SW Normal
- (3) Adjust V BIAS (RV504) so that V bias is $13.0 \pm 0.5V$. (Temporarily mount 6.2Ω for R615 ΔR .)
- (4) Adjust V CENT (RV506) and adjust so that there are the same number of frames above and below V center when it is at the center.
- (5) Set SCAN switch to under mode.
- (6) Set U.V SIZE (RV502) to mechanical center.
- (7) Select R615 (ΔR) so that vertical direction size is more than 16.5mm and so that none of the four corners of the picture are missing.
(Select after removing the 6.2Ω mounted in (3)).
- (8) Set SCAN switch to normal mode.
- (9) Adjust V BIAS (RV503) so that V bias is $13.0 \pm 0.5V$.
- (10) Adjust N.V SIZE (RV503) and V CENT (RV506) to adjust V SIZE.
PVM-1270Q 12 frames for 525 monoscope
PVM-1370Q monoscope
PVM-1370QM 11.5 frames for 625 monoscope
- (11) Set SCAN switch to U mode.
- (12) Adjust V SIZE during underscan with U.V SIZE (RV502).

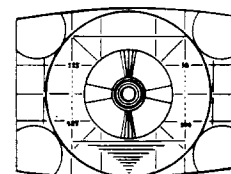


- (13) Input a monoscope signal (PAL) and check that V SIZE (Normal) is about 114 frames.

Horizontal Deflection Adjustment

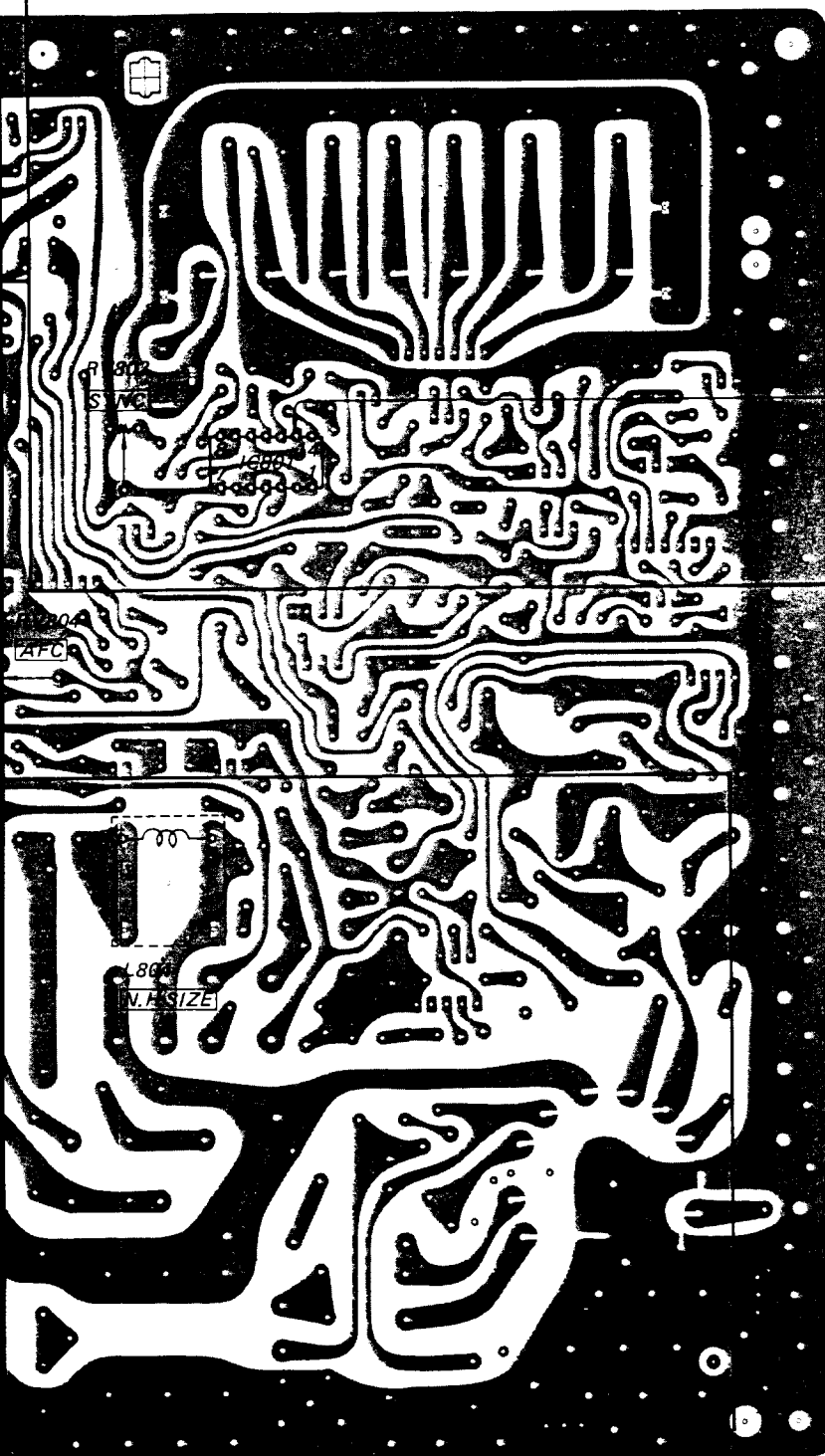
- (1) Input a monoscope signal (NTSC).
- (2) PICTURE 80%
BRT 50%
- (3) Adjust H SIZE to about 15.3 frames with N.H SIZE coil (L804).

- (4) Input a monoscope signal (PAL) and check that N.H SIZE is about 15 frames.
- (5) Set SCAN switch to under mode.
- (6) Adjust H SIZE as shown in the figure with U.H SIZE coil (L807).



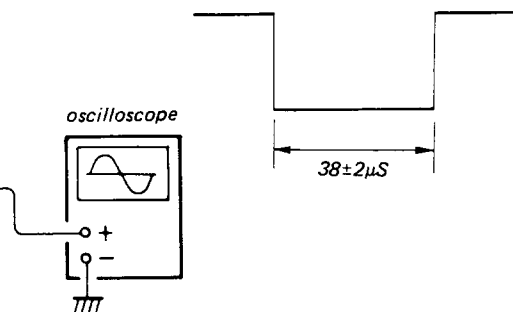
(monoscope signal)

$6 \pm 3mm$



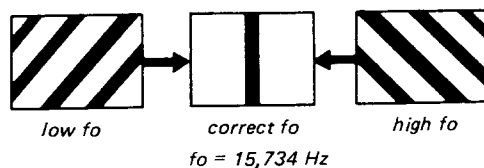
Sync Sep Adjustment

- (1) Input a color bar (NTSC).
- (2) Adjust RV802 so that the IC801 pin 13 waveform is as shown in the figure.

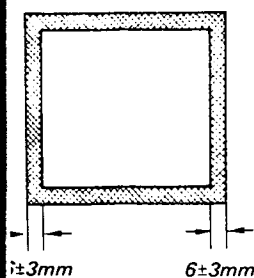


Horizontal Oscillation Frequency Adjustment

- (1) Receive a monoscope signal (NTSC).
- (2) Set AFC switch to fast mode, and the SCAN switch to normal mode.
- (3) PICTURE 80%
BRT 50%
- (4) Make power supply voltage 110V with alternating current stabilized power supply.
- (5) Ground IC501 pin 16 with a 10μ/50V chemical capacitor.
- (6) Turn the H.FREQ control (RV801) so that the diagonal lines in the picture become vertical.



- (7) Receive a monoscope signal (PAL) and check the horizontal oscillation frequency.
- (8) When the AFC switch is set for slow, the picture moves from right to left, so adjust RV804 so that the H.CENT shift amount is within ±2mm, with fast as the reference.
(Note: Check for both NTSC and PAL monoscope signals.)

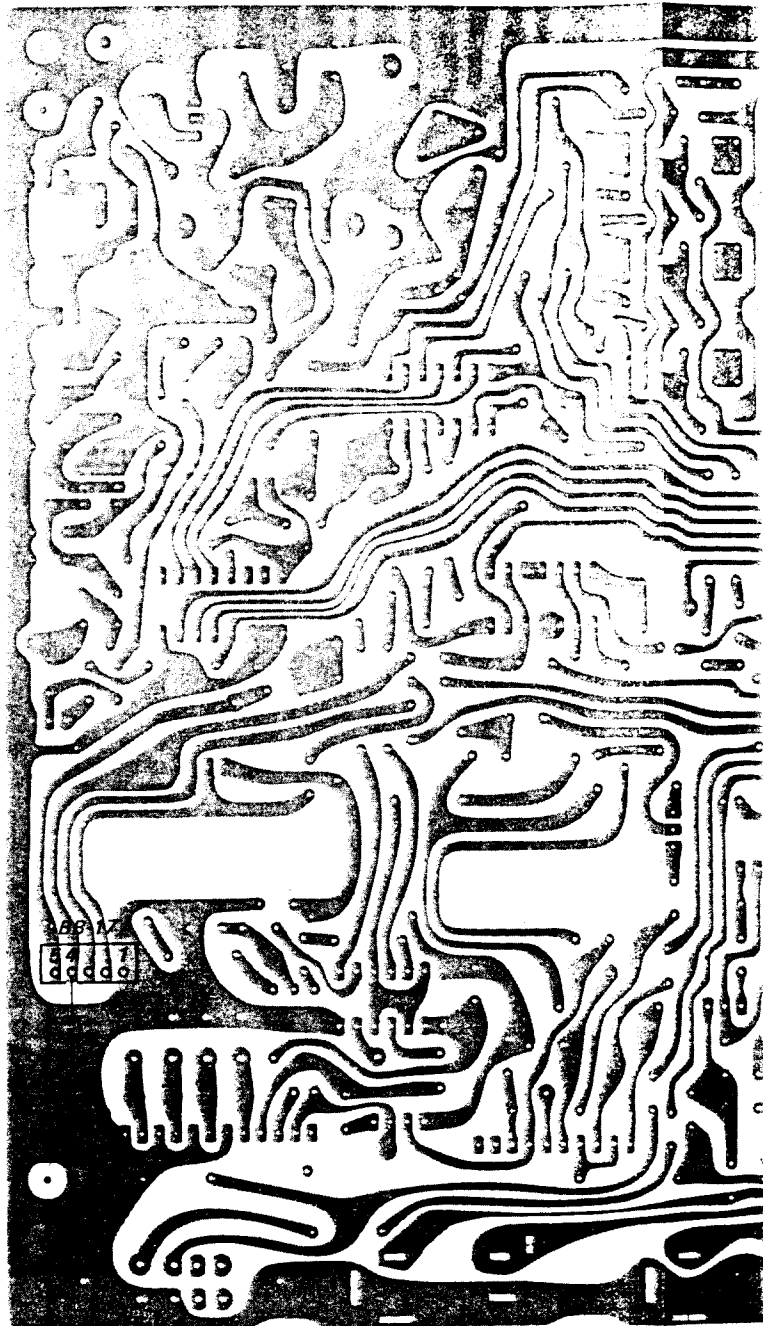
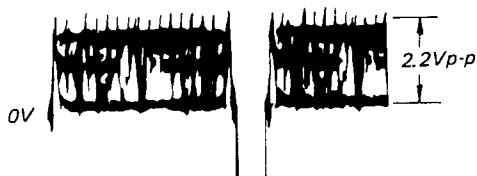


- (7) Receive a monoscope signal (NTSC) and check that horizontal direction picture size is as shown in the figure in (6).

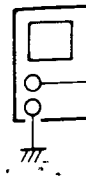
2-3. BB Board Adjustment

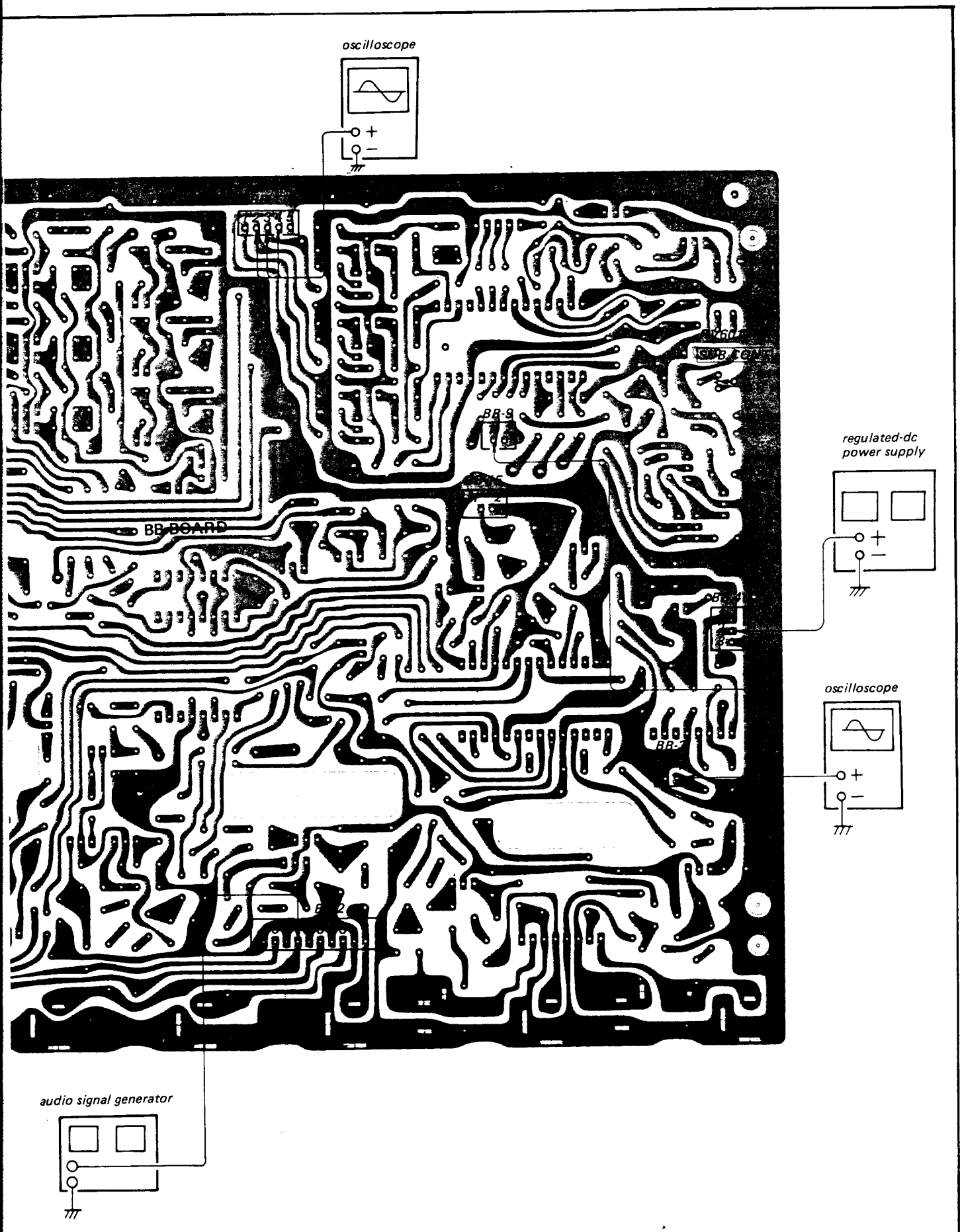
RGB Check

- (1) Input a 1Vp-p monoscope signal to BB-2 connector pins 1, 3 and 5. Input a -5dB audio signal to pin 7, and a sync signal (EXT SYNC) with 2Vp-p load to pin 9. (Input BLK and DELAY SYNC (positive pulse) signals, synchronized to the signals input to BB-2, to BB-9 connector pins.)
- (2) Ground BB-17 connector pin 4.
- (3) Check that an audio signal is output at BB-16 connector pin 1.
- (4) Apply +12V to BB-4 connector pin 2, observe the BB-2 connector pin 1 waveform on the oscilloscope and confirm that it is 0.3 ± 0.1 Vp-p.
- (5) Connect BB-11 connector 2 (R), 3 (G) and 4 (B) to the oscilloscope and adjust the signal portion to 2.2Vp-p with RV601 (SUB CONT).
- (6) Check that R, G and B are the same level.



audio signal.





PVM-1370QM

SONY[®] SERVICE MANUAL

AEP Model
Chassis No. SCC-473A-A
Serial No. 201,901 and later

June, 1984

SUPPLEMENT-1

SUBJECT: CIRCUIT MODIFICATIONS

1. D2 board have been modified.
2. BA1, BA2, D and F board have been modified.




MON

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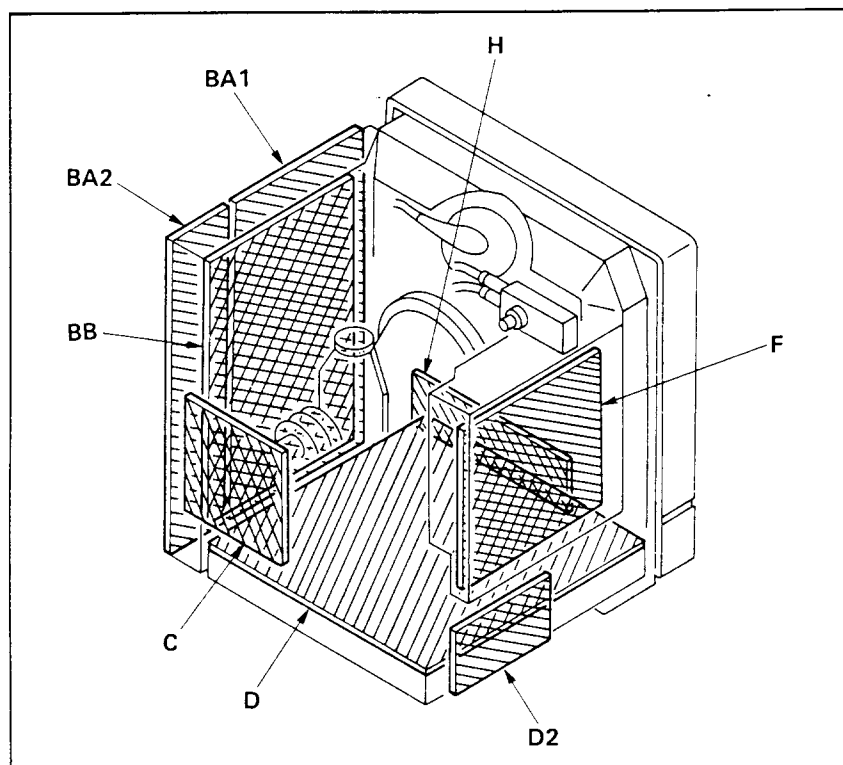
<u>Section</u>	<u>Title</u>	<u>Page</u>	<u>Section</u>	<u>Title</u>	<u>Page</u>
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1-2.	Block Diagram.	3	SECTION 2		
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	BA1 Board.	29			

SAFETY-RELATED COMPONENT WARNING !!

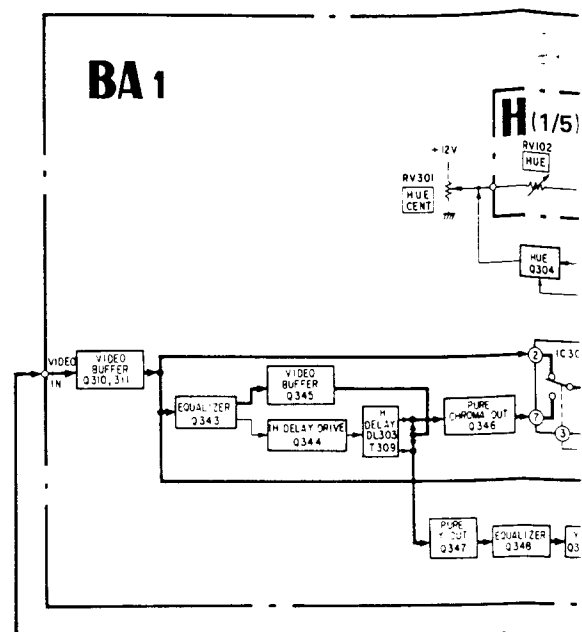
COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

SECTION 1

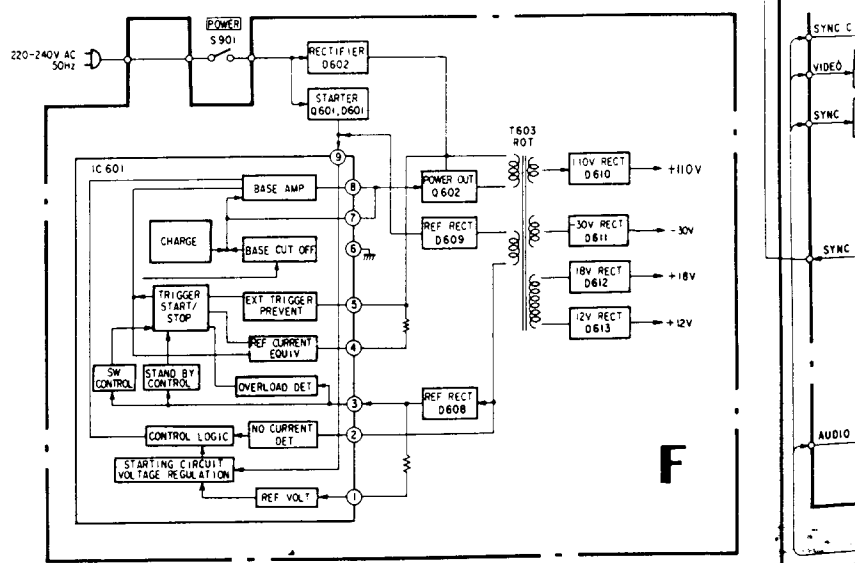
1-1. CIRCUIT BOARDS LOCATION

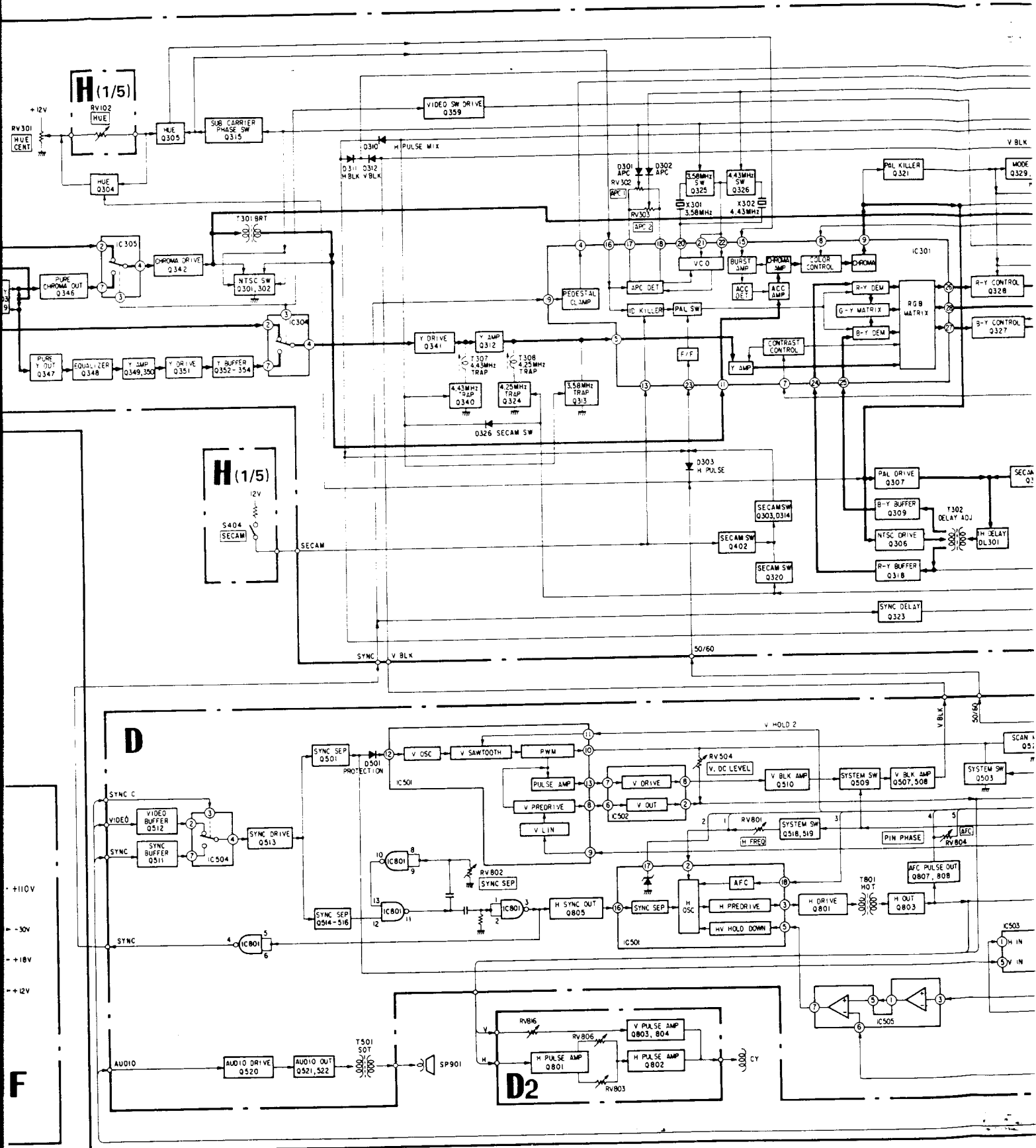


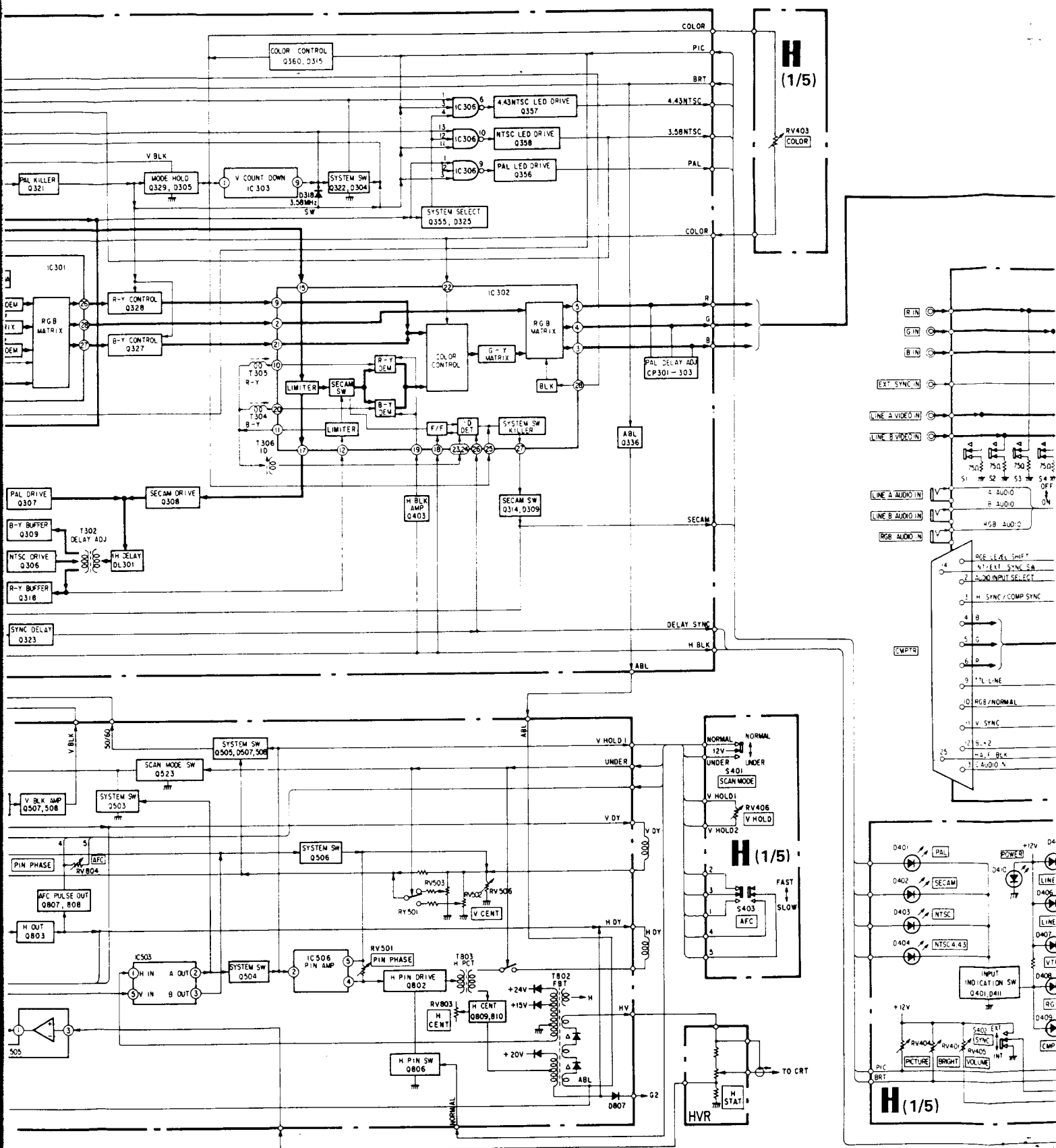
1-2. BLOCK DIAGRAM



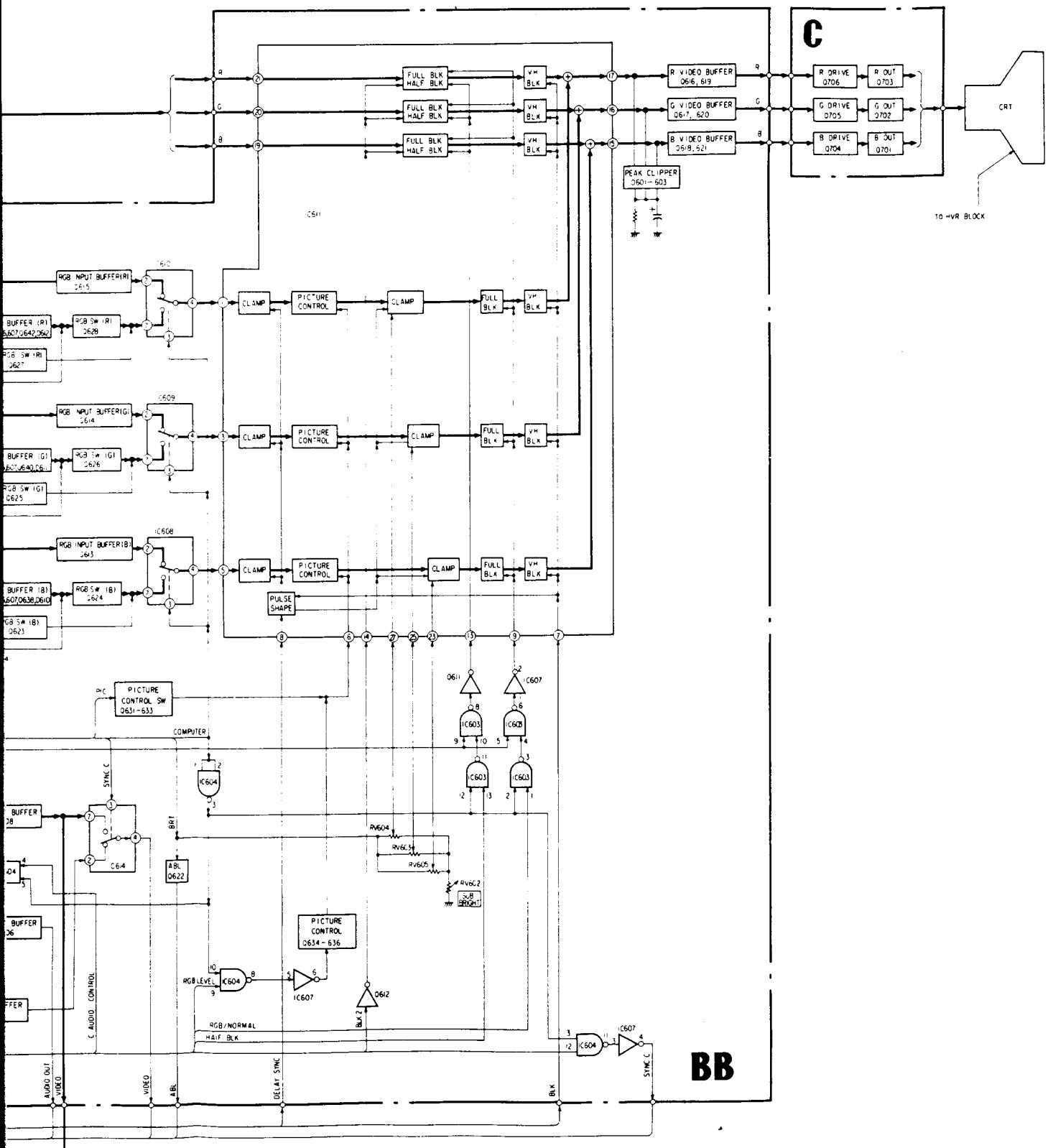
For Service Manuals
MAURITRON SERVICES
 8 Cherry Tree Road, Chinnor
 Oxfordshire, OX9 4QY.
 Tel (01844) 351694
 Fax (01844) 352554
 email:- mauritron@dial.pipex.com



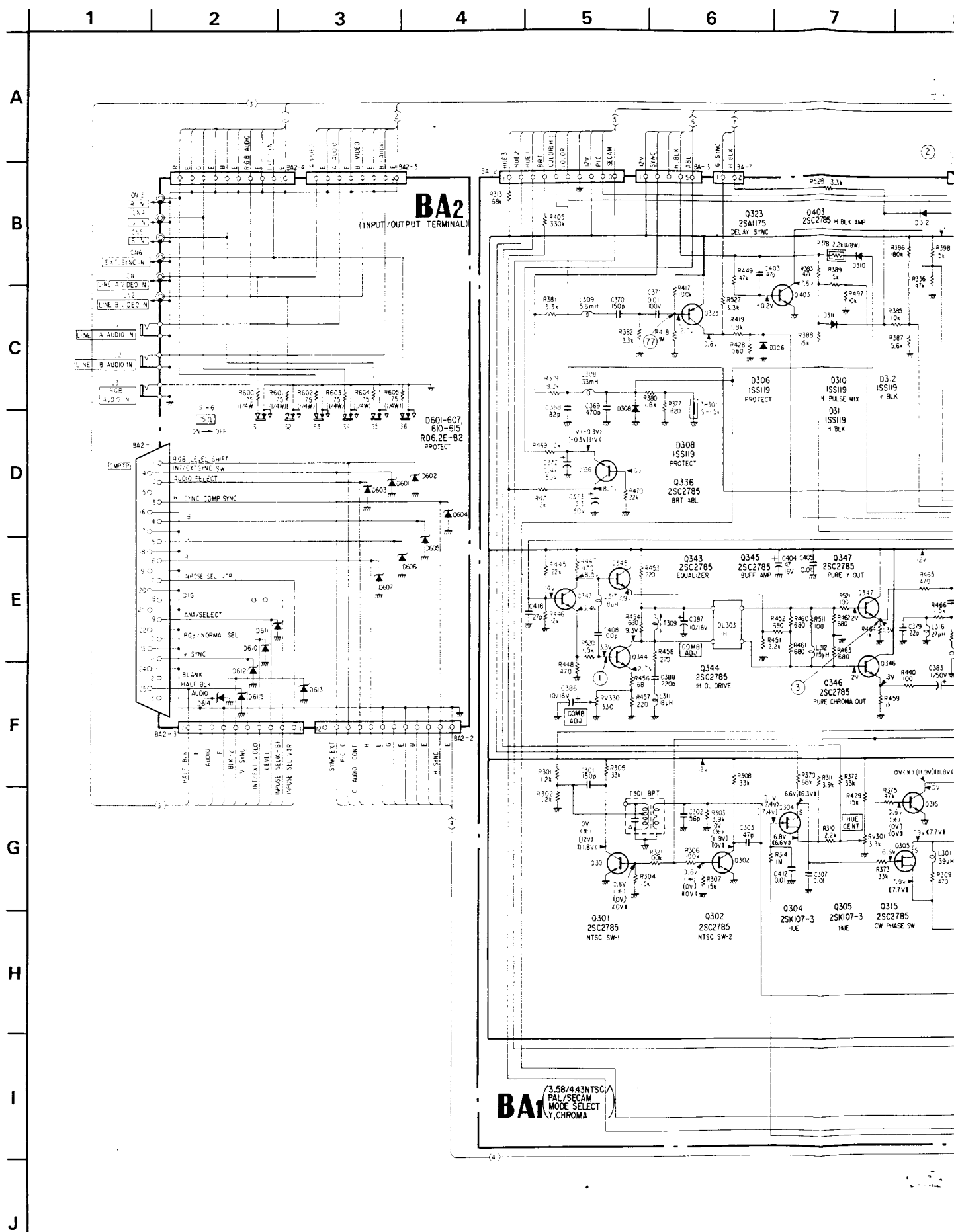


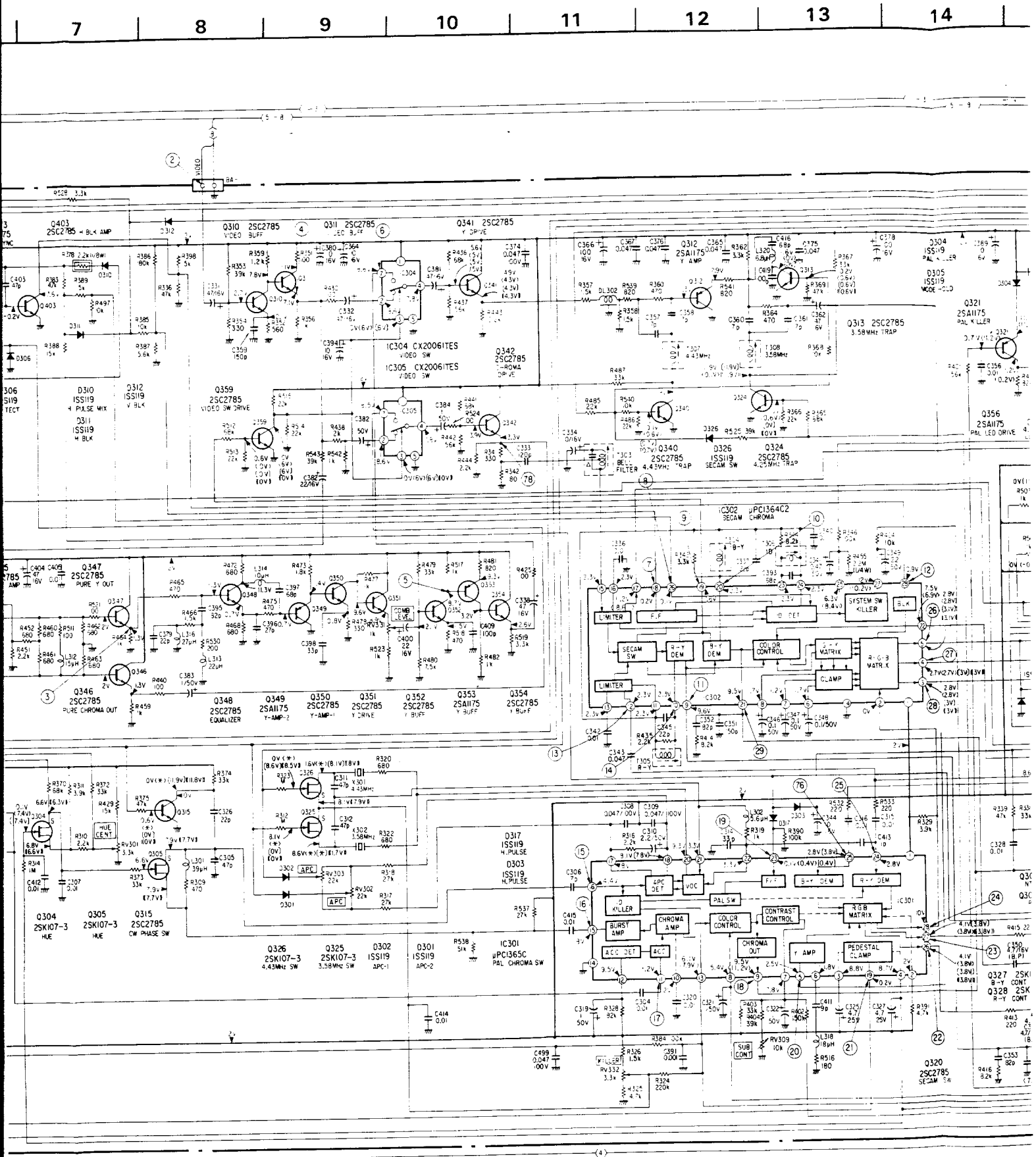


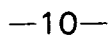


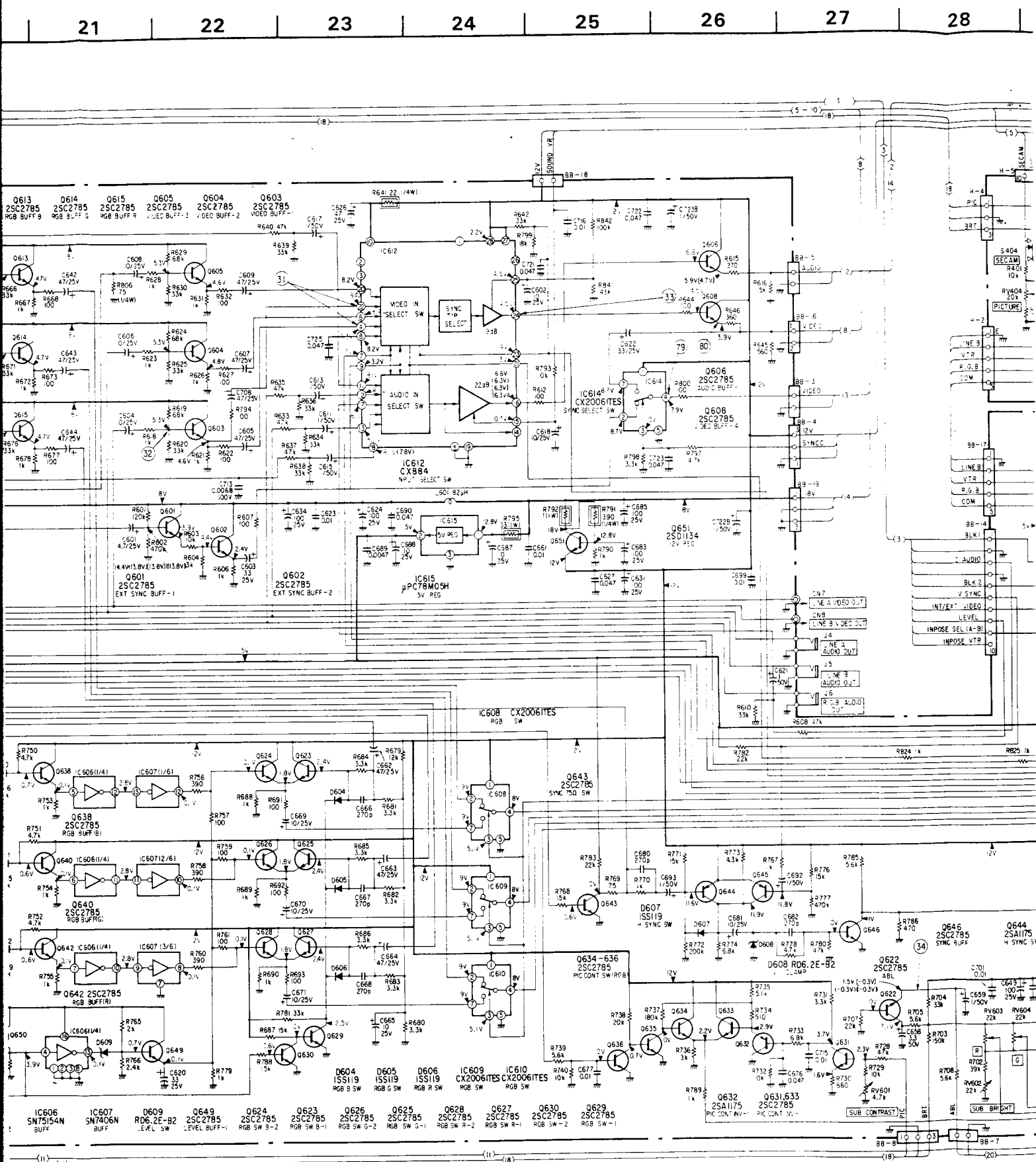


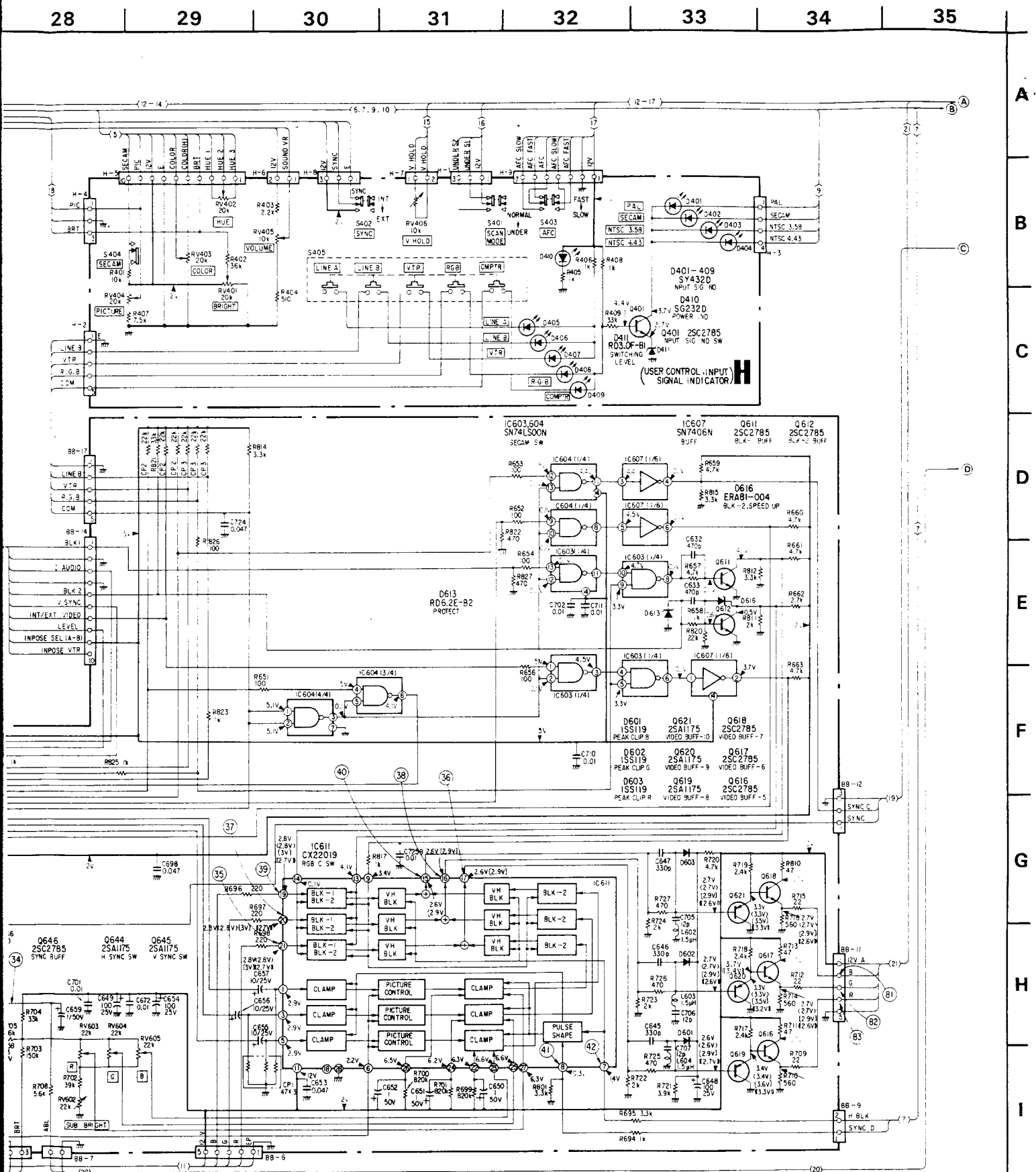
1-3. SCHEMATIC DIAGRAM



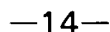













16







17

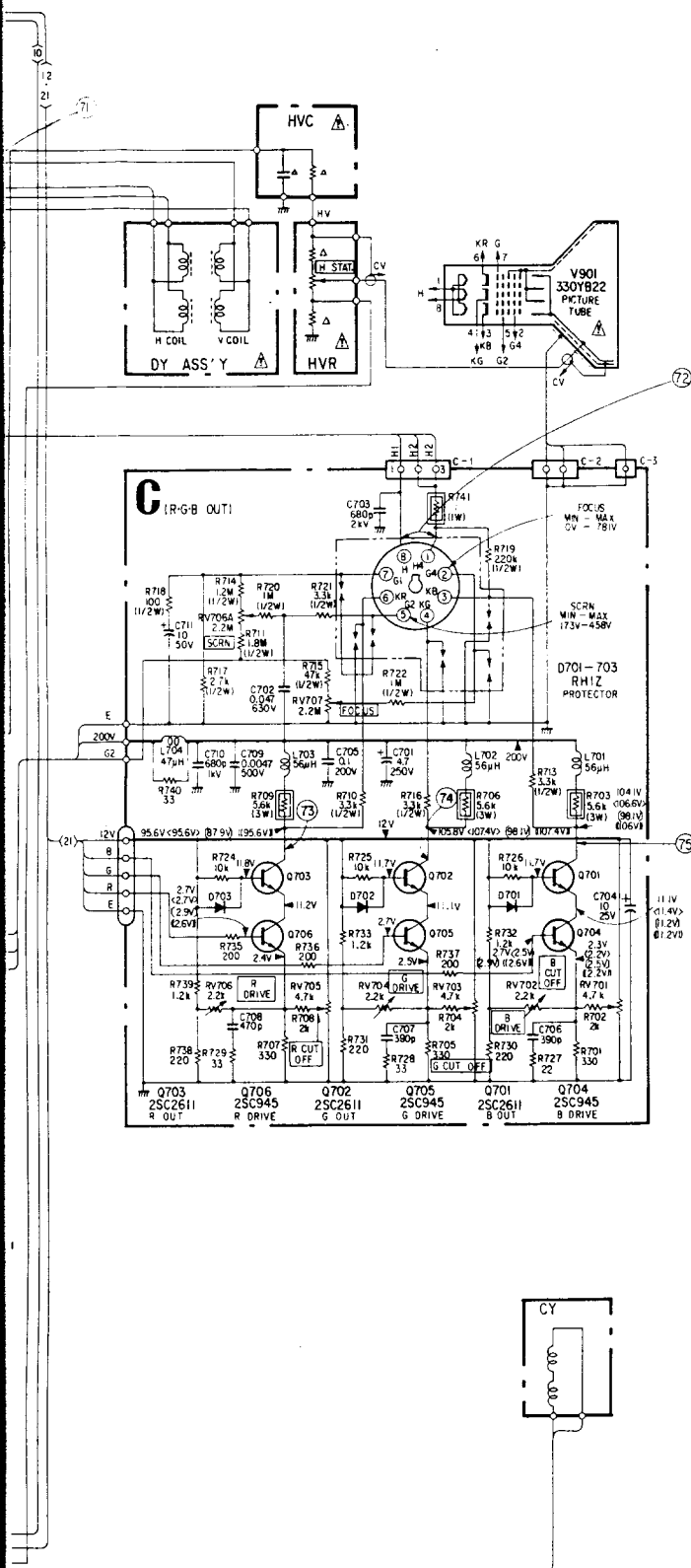
18

19

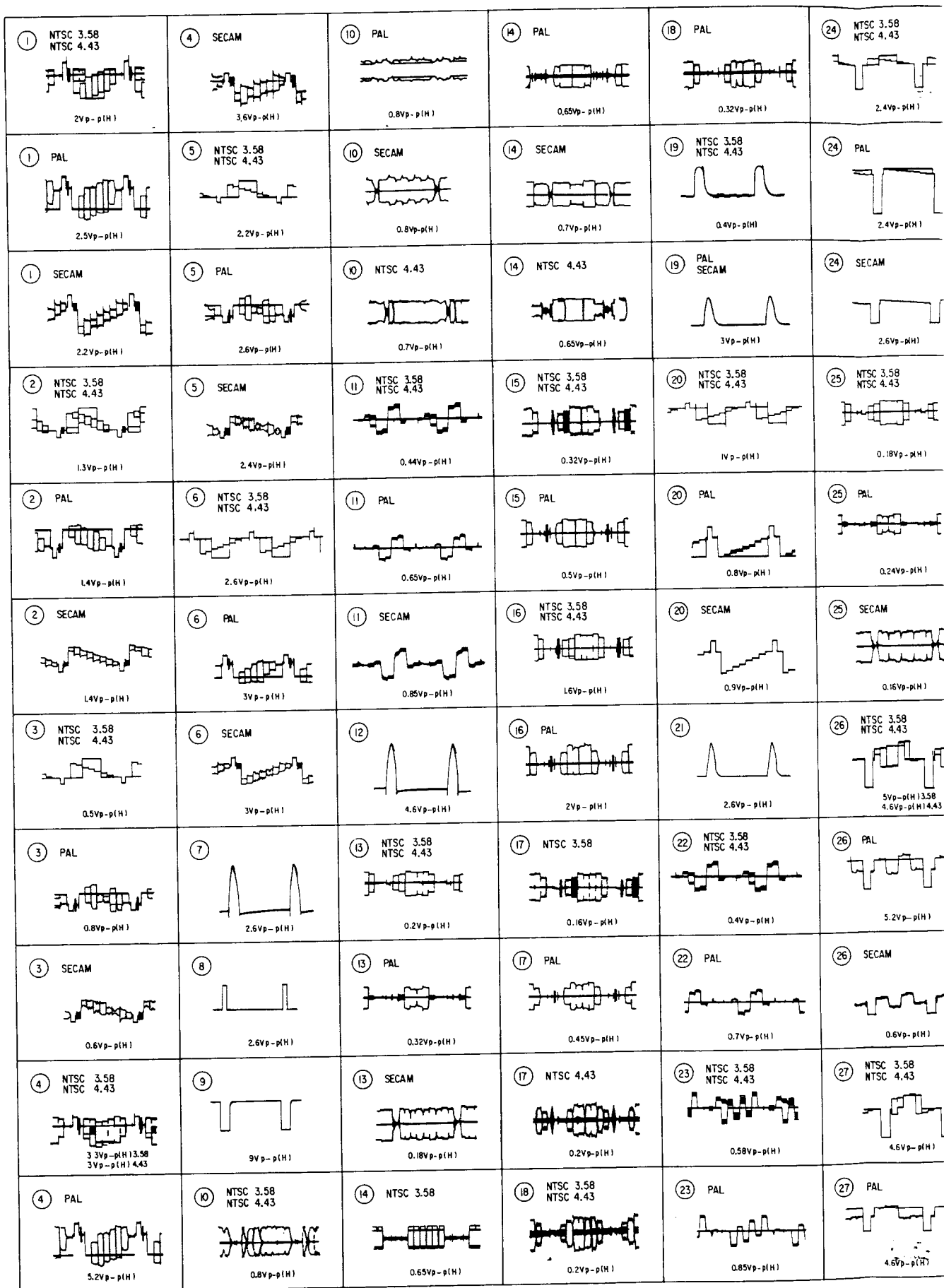
Note: The components identified by shading and mark  are critical for safety. Replace only with part number specified.

Note:

- All capacitors are in μF unless otherwise noted. p : μF 50WV or less are not indicated except for electrolytics.
- Resistors on the B, F, A, H and D boards are in ohms, 1/6W unless otherwise noted.
k Ω : 1000 Ω , M Ω : 1000k Ω
- Resistors on the C and D2 boards are in ohms, 1/4W unless otherwise noted.
-  : nonflammable resistor.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
-  : fusible resistor.
-  : internal component.
-  : panel designation.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a 10M Ω digital multimeter.
- Voltage variations may be noted due to normal production tolerances.
-  : adjustment for repair.
- Voltage on F board is taken with Q602 Emitter.
- Readings are taken with a color-bar signal input.
no mark : with NTSC3.58 color-bar signal received.
< > : with SECAM color-bar signal received.
[] : with PAL color-bar signal received.
() : with NTSC4.43 color-bar signal received.
- * Selected to yield optimum performance.
-  : Can not be measured.



1.4. WAVEFORMS



24 NTSC 3.58 NTSC 4.43 2.4Vp-p(H)	27 SECAM 5.2Vp-p(H)	32 NTSC 3.58 NTSC 4.43 1Vp-p(H)	35 SECAM 5.5Vp-p(H)	39 PAL 5Vp-p(H)	45 NTSC 3.58 NTSC 4.43 2.6Vp-p(H)	49 PAL 3.2Vp-p(H)
24 PAL 2.4Vp-p(H)	28 NTSC 3.58 NTSC 4.43 5.2Vp-p(H) 3.58 4.8Vp-p(H) 4.43	32 PAL 0.8Vp-p(H)	36 NTSC 3.58 NTSC 4.43 4.4Vp-p(H)	39 SECAM 5.5Vp-p(H)	45 PAL 1.2Vp-p(H)	49 SECAM 2.9Vp-p(H)
24 SECAM 2.6Vp-p(H)	28 PAL 5Vp-p(H)	22 SECAM 0.9Vp-p(H)	36 PAL 5.5Vp-p(H)	40 NTSC 3.58 NTSC 4.43 4.4Vp-p(H)	45 SECAM 1.3Vp-p(H)	50 1.5Vp-p(H)
25 NTSC 3.58 NTSC 4.43 0.18Vp-p(H)	28 SECAM 5.6Vp-p(H)	33 NTSC 3.58 NTSC 4.43 2.4Vp-p(H)	36 SECAM 5.4Vp-p(H)	40 PAL 5Vp-p(H)	46 NTSC 3.58 NTSC 4.43 1.2Vp-p(H)	51 1.2Vp-p(H)
25 PAL 0.24Vp-p(H)	29 NTSC 3.58 NTSC 4.43 0.52Vp-p(H)	33 PAL 2.3Vp-p(H)	37 NTSC 3.58 NTSC 4.43 4.6Vp-p(H)	40 SECAM 5Vp-p(H)	46 PAL 1.2Vp-p(H)	52 1.2Vp-p(H)
25 SECAM 0.16Vp-p(H)	29 PAL 0.73Vp-p(H)	33 SECAM 2.5Vp-p(H)	37 PAL 5Vp-p(H)	41 5.1Vp-p(H)	46 SECAM 1.3Vp-p(H)	53 1.1Vp-p(H)
26 NTSC 3.58 NTSC 4.43 5Vp-p(H) 3.58 4.6Vp-p(H) 4.43	29 SECAM 1Vp-p(H)	34 NTSC 3.58 NTSC 4.43 0.65Vp-p(H) 3.58 0.55Vp-p(H) 4.43	37 SECAM 5Vp-p(H)	42 3.6Vp-p(H)	47 NTSC 3.58 NTSC 4.43 4.2Vp-p(H)	54 6.9Vp-p(V)
26 PAL 5.2Vp-p(H)	30 0.48Vp-p(V) NTSC 3.58, PAL 9.5Vp-p(V) SECAM	34 PAL 0.52Vp-p(V)	38 NTSC 3.58 NTSC 4.43 4.4Vp-p(H)	43 26µsec 340Vp-p	47 PAL 3.6Vp-p(H)	55 3.5Vp-p(V)
26 SECAM 0.6Vp-p(H)	30 NTSC 3.58 NTSC 4.43 0.8Vp-p(H)	34 SECAM 0.7Vp-p(V)	38 PAL 5Vp-p(H)	44 NTSC 3.58 NTSC 4.43 1.3Vp-p(H) 3.58 1.4Vp-p(H) 4.43	47 SECAM 3.5Vp-p(H)	56 4.8Vp-p(H)
27 NTSC 3.58 NTSC 4.43 4.6Vp-p(H)	31 PAL 0.8Vp-p(H)	35 NTSC 3.58 NTSC 4.43 4.6Vp-p(H)	38 SECAM 4.7Vp-p(H)	44 PAL 1.2Vp-p(H)	48 26Vp-p(H)	57 3.9Vp-p(V)
27 PAL 4.6Vp-p(H)	31 SECAM 0.9Vp-p(H)	35 PAL 5.5Vp-p(H)	39 NTSC 3.58 NTSC 4.43 4.6Vp-p(H)	44 SECAM 1.3Vp-p(V)	49 NTSC 3.58 NTSC 4.43 2.8Vp-p(H)	58 1Vp-p(H)

 4p-p(H)	 1.6Vp-p(H)	 26Vp-p(H)	 0.15Vp-p(H)	 2.5Vp-p(H)	 18Vp-p(H)
 Vp-p(H)	 1.4Vp-p(H)	 80Vp-p(H) 13.58 85Vp-p(H) 4.43	 0.16Vp-p(H)	 4.2Vp-p(H)	 30Vp-p(H)
 Vp-p(H)	 5.4Vp-p(V)	 100Vp-p(H)	 4.4Vp-p(H)	 5Vp-p(H)	 4.4Vp-p(H)
 Vp-p(H)	 3.3Vp-p(V)	 85Vp-p(H)	 0.7Vp-p(H)	 5Vp-p(H)	 28Vp-p(V)
 Vp-p(H)	 12.5Vp-p(H)	 70Vp-p(H) 13.58 75Vp-p(H) 4.43	 1Vp-p(H)	 4.2Vp-p(H)	 15Vp-p(H)
 Vp-p(V)	 48Vp-p(V)	 70Vp-p(H)	 1Vp-p(H)	 5.5Vp-p(H)	 4Vp-p(V)
 Vp-p(V)	 220Vp-p(H)	 80Vp-p(H)	 1.4Vp-p(H)	 4.5Vp-p(H)	 22Vp-p(V)
 Vp-p(V)	 1.2Vp-p(V)	 60Vp-p(H) 13.58 65Vp-p(H) 4.43	 1.2Vp-p(H)	 4.2Vp-p(H)	
 Vp-p(H)	 1050Vp-p(H)	 80Vp-p(H)	 1.4Vp-p(H)	 5Vp-p(H)	
 Vp-p(V)	 12Vp-p(V)	 80Vp-p(H)	 2.3Vp-p(H)	 5Vp-p(H)	
 Vp-p(H)	 470Vp-p(H)	 0.18Vp-p(H)	 2.3Vp-p(H)	 1.2Vp-p(V)	

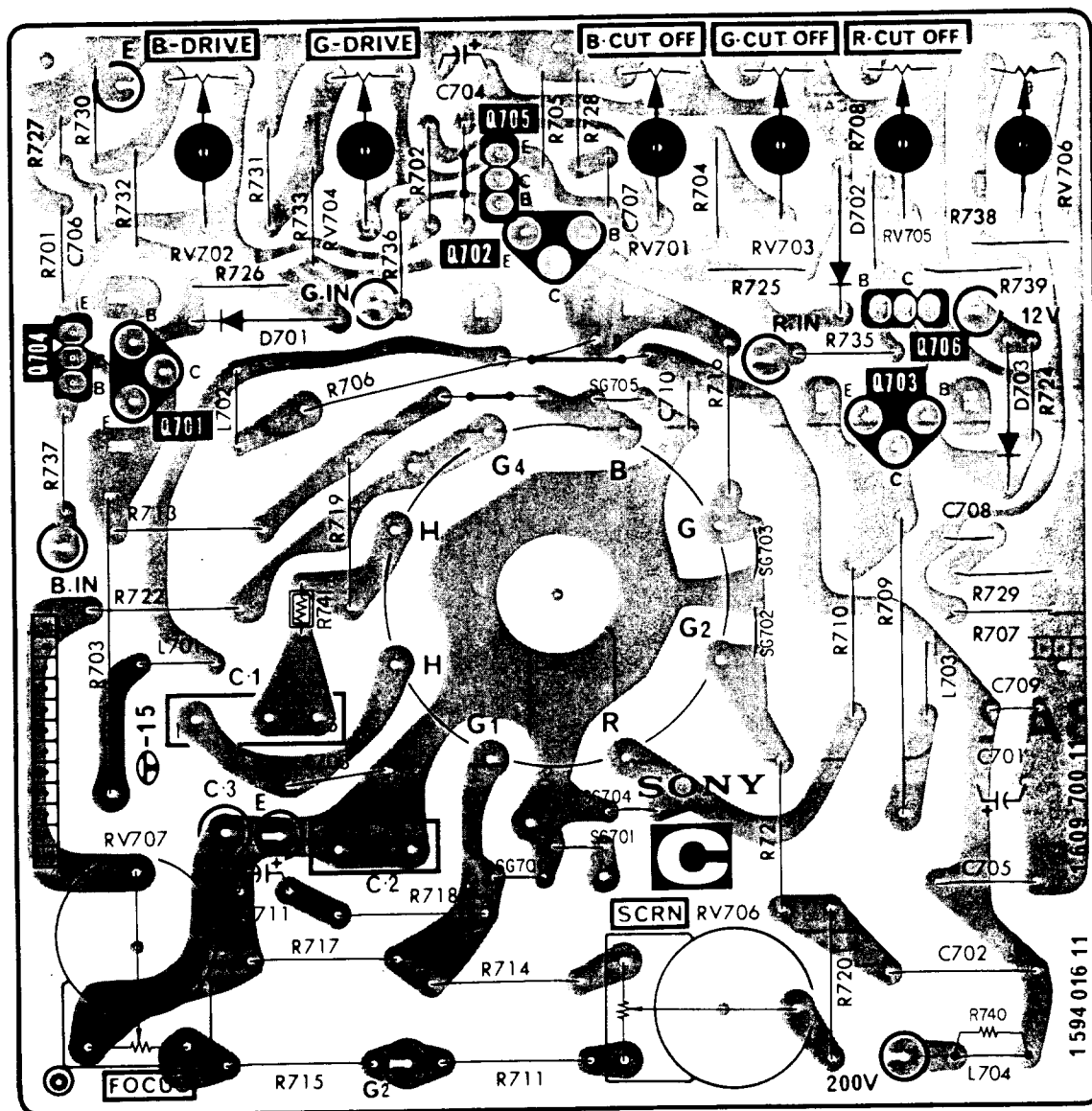
1-5. PRINTED WIRING BOARDS

— Conductor Side —

[R-G-B OUT]

C

— C Board —



C

D2

[H/V PULSE AMP]

8

9

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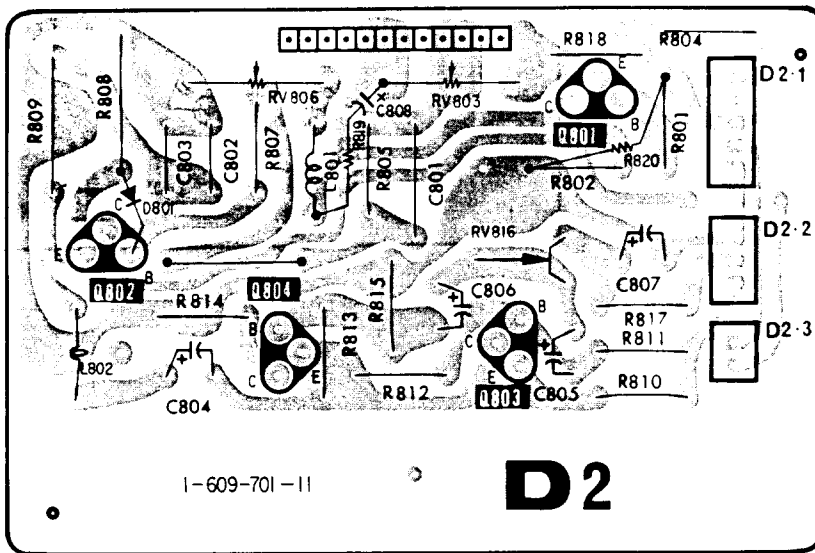
12

13

14

15

— D2 Board —



[USER CONTROL,
INPUT, SIGNAL INDICATOR]**H**

[INPUT/OUTPUT TERMINAL]

BA2**BA**

1

2

3

4

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6

7

8

A

— H Board —

B

C

D

E

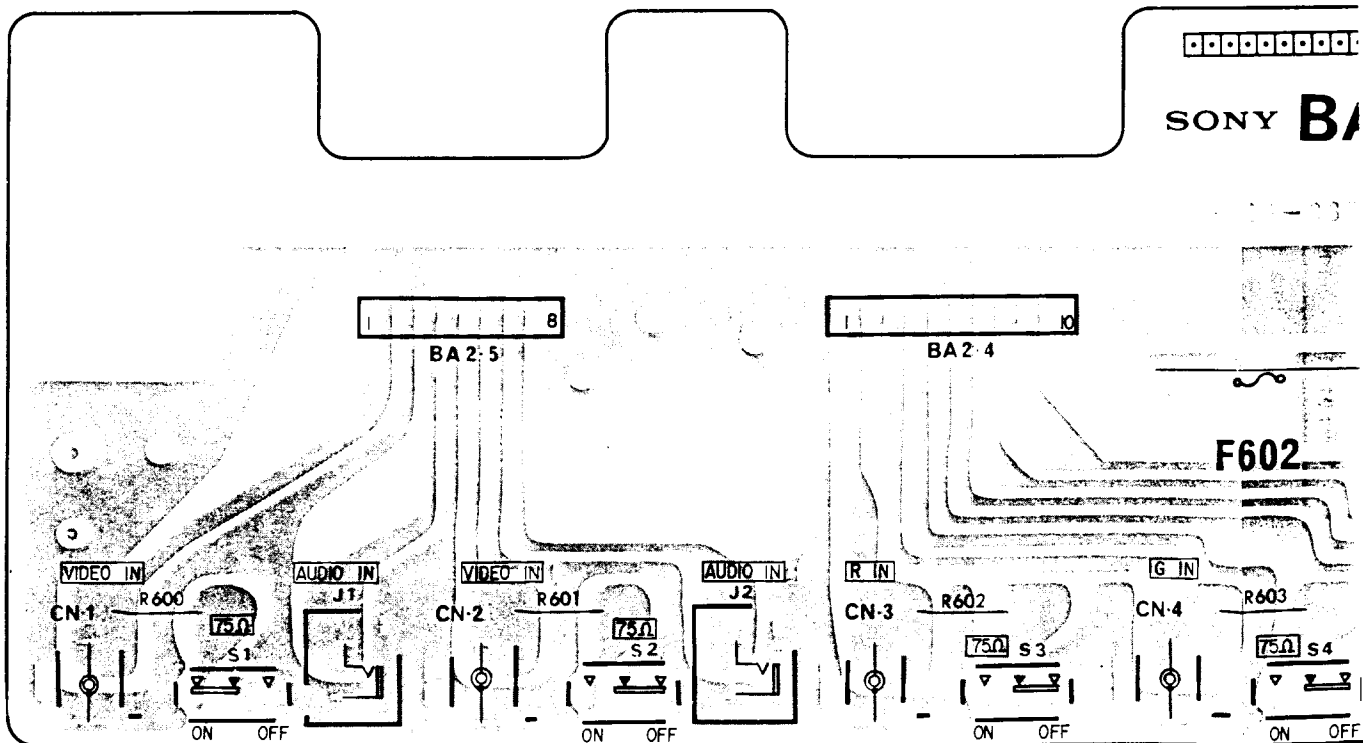
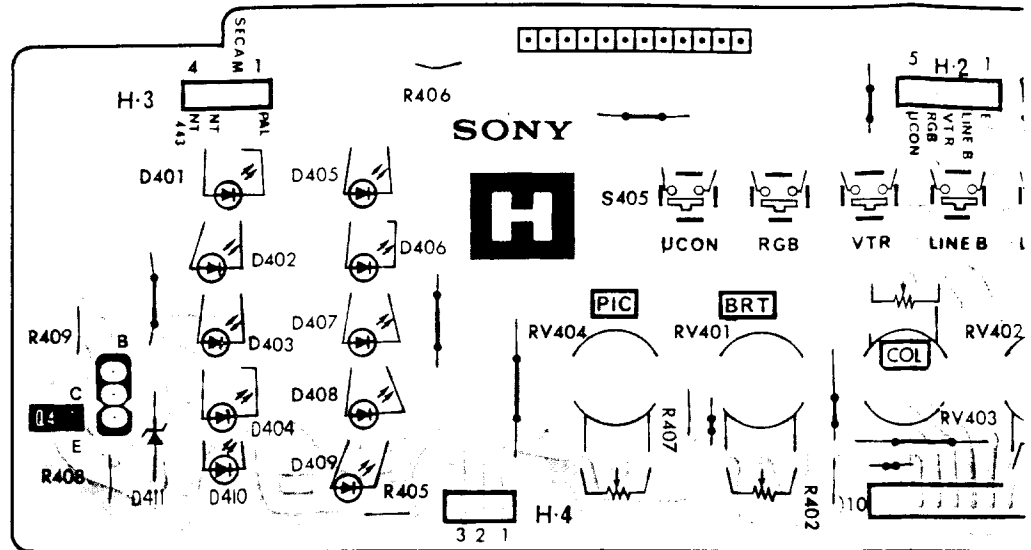
— BA2 Board —

F

G

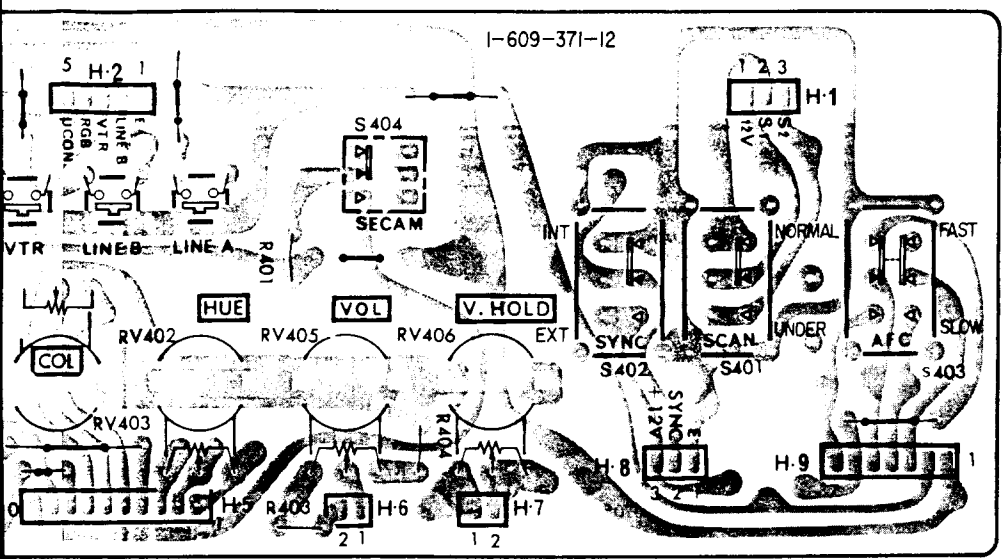
H

I

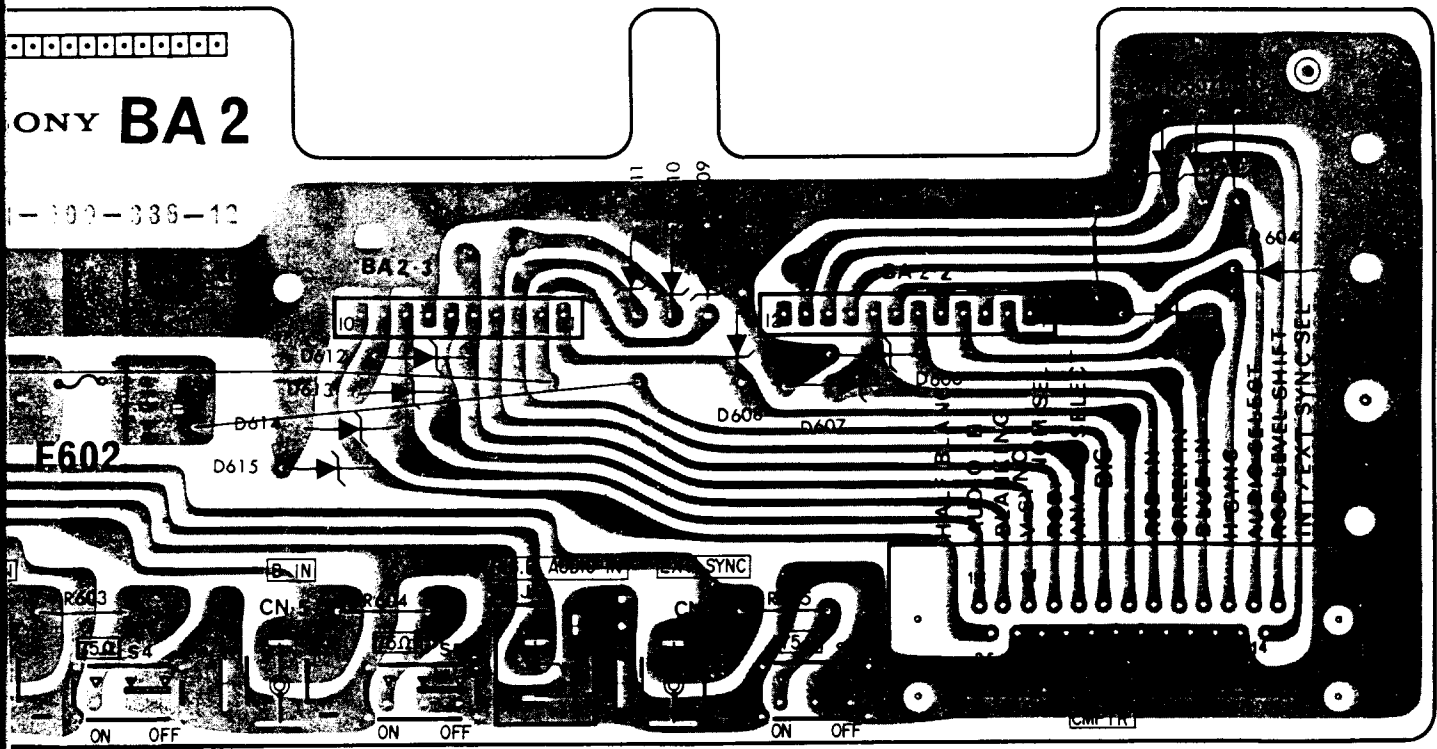


BA2 H

8 9 10 11 12 13 14 15



For Service Manuals
MAURITRON SERVICES
8 Cherry Tree Road, Chinnor
Oxfordshire, OX9 4QY.
Tel (01844) 351694
Fax (01844) 352554
email:- mauritron@dial.pipex.com



F

2

3

4

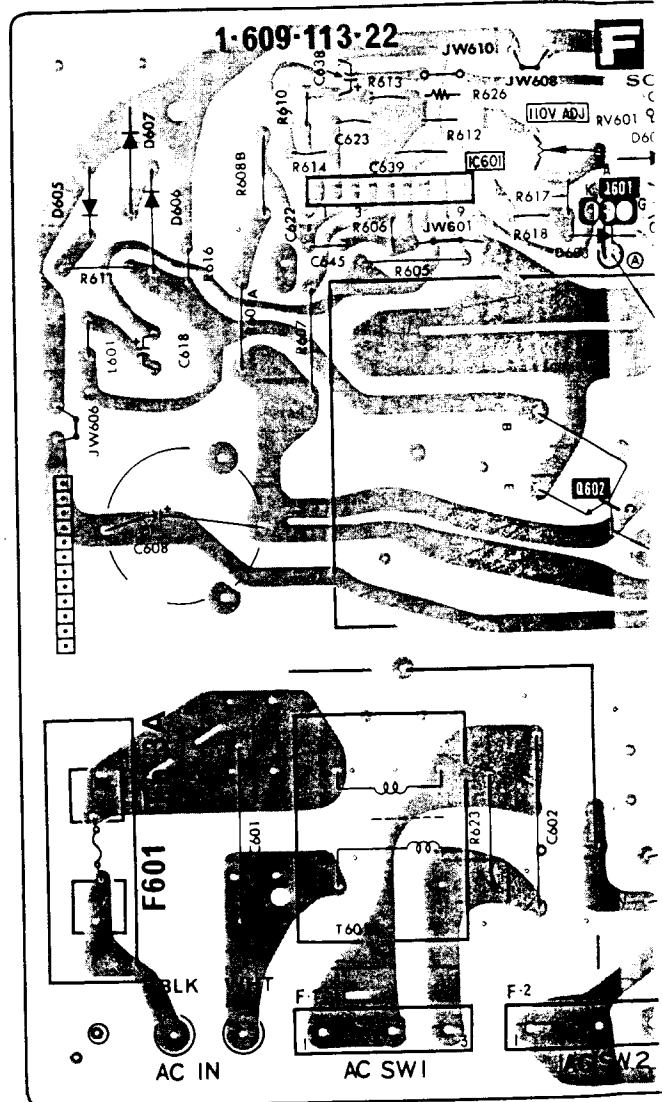
5

6

7

- F Board -

Q, IC	IC 601	601	602
D	605 607 606	603	608
ADJ		RV601	

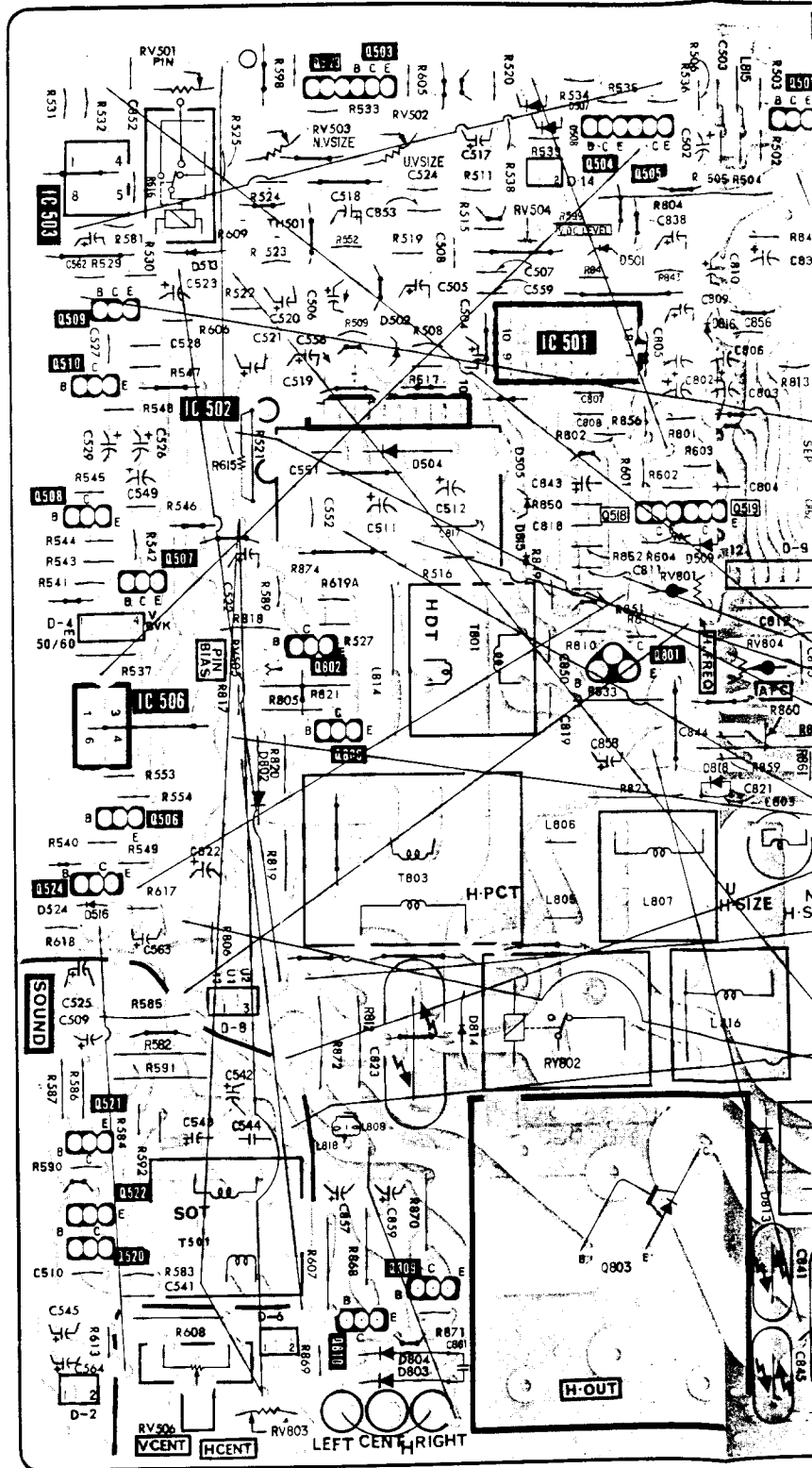


D

D

— D Board —

Q	IC503	509	523	503	504	505	501
IC	510	508	802	IC502	IC501	519	519
	IC506, 506	521	806	809	803	801	
	522, 520		810	502			
D	516	513	802	804	507, 508	501	518
				803	504	815, 505	509
ADJ	RV501	RV503	RV502	RV504	RV801	RV804	
	RV506	RV803					



D

15

[illegible]

[INPUT, SELECT, BLK]

BB

1

2

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4

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6

7

A

— BB Board —

B

C

D

E

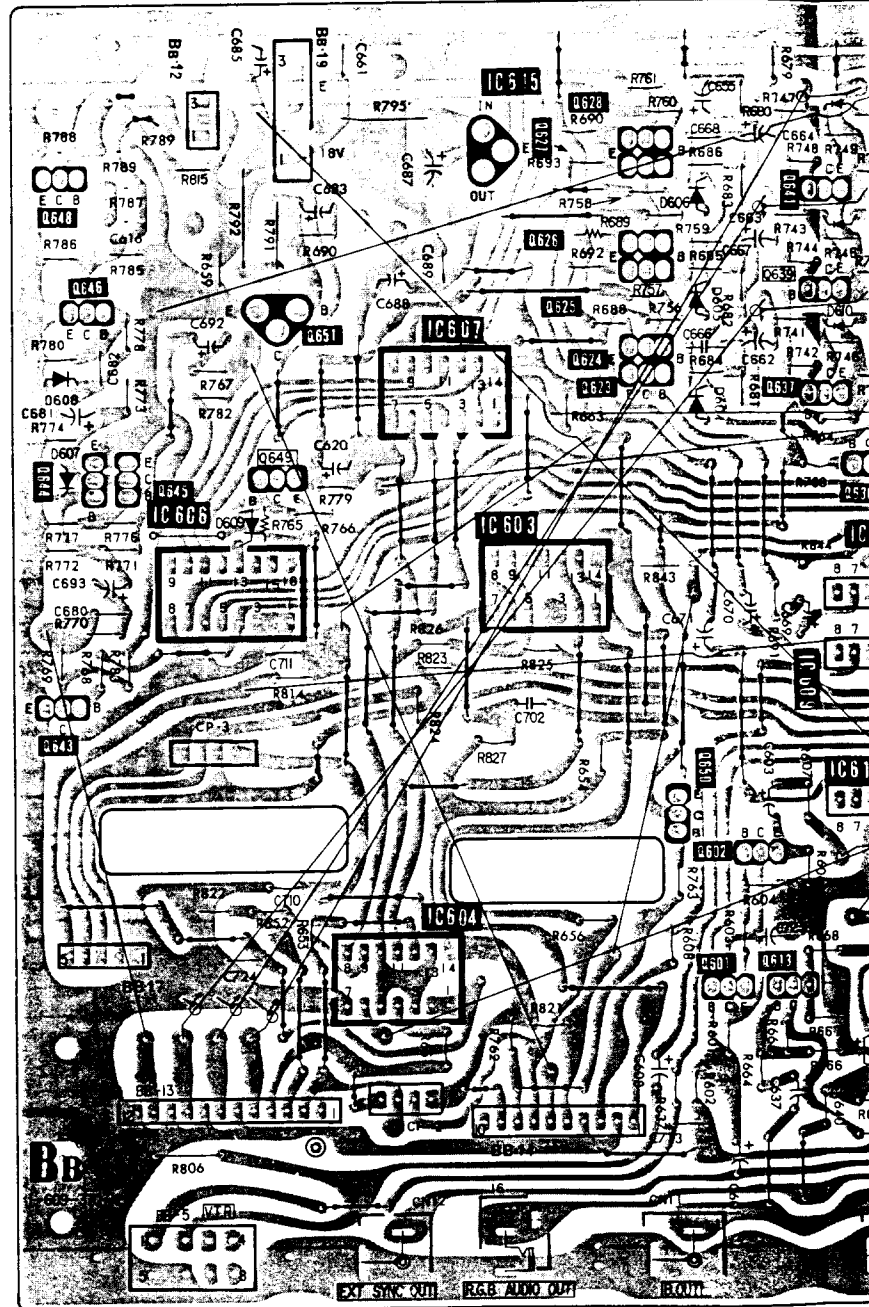
F

G

H

I

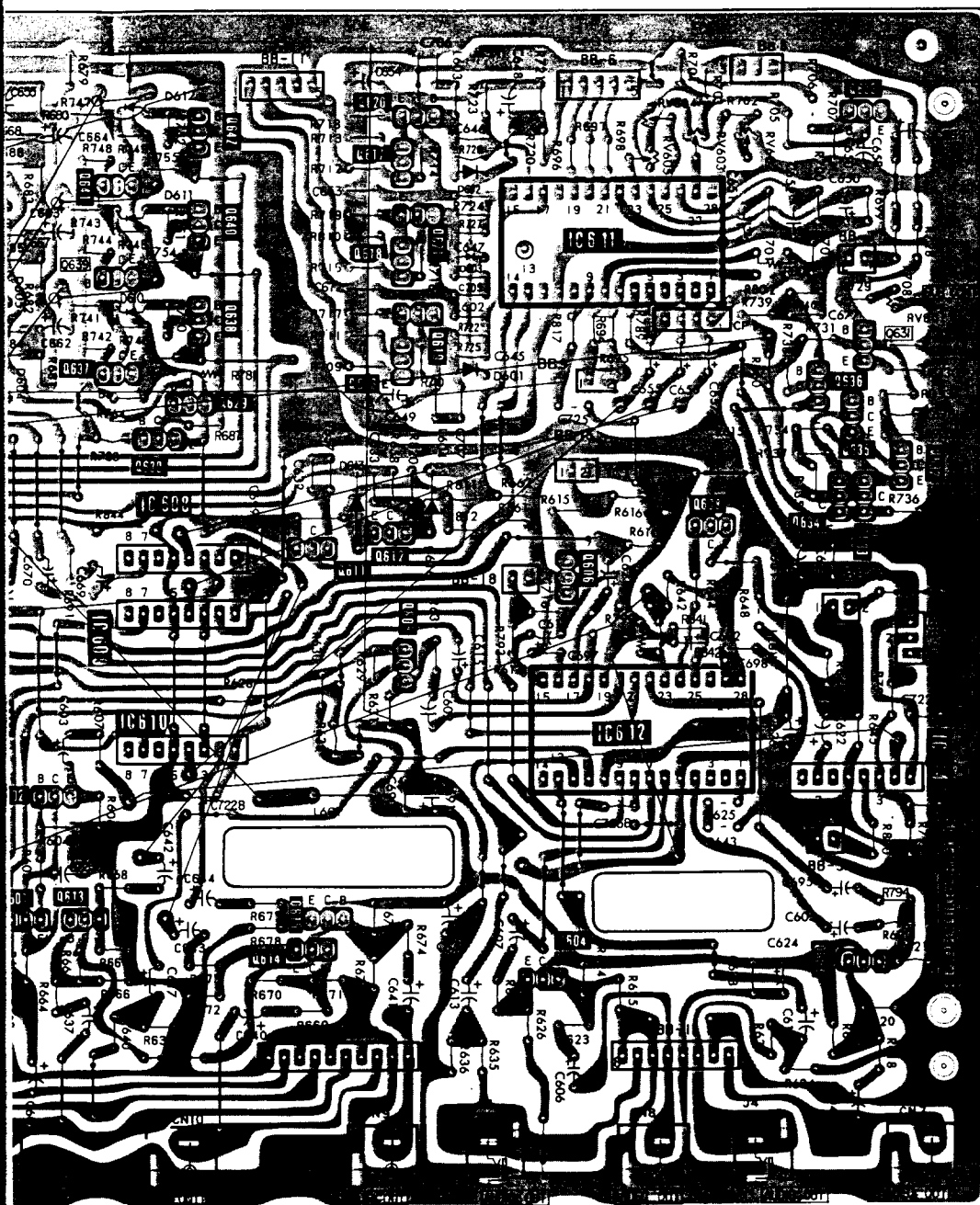
Q, IC	646 644, 645 643	IC606	651 649	IC615 IC607	IC603	628 627 626 625 624 623	650	602 601, 613	641 639 637	630
D	608 607	609					606 605 604			612 611 610
ADJ										



BB BB

7 8 9 10 11 12 13 14 15

602 601,613	641 639 637	642 640 638 629	611	617 618 619 615 614	620 621 619 605	IC611 608	636 634	622 631 635 633,632 IC614 603	Q, IC
612 611 610			613		602 603 601				D
						RV604 RV605	RV603, RV602	RV601	ADJ



BA

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BA1

8

9

10

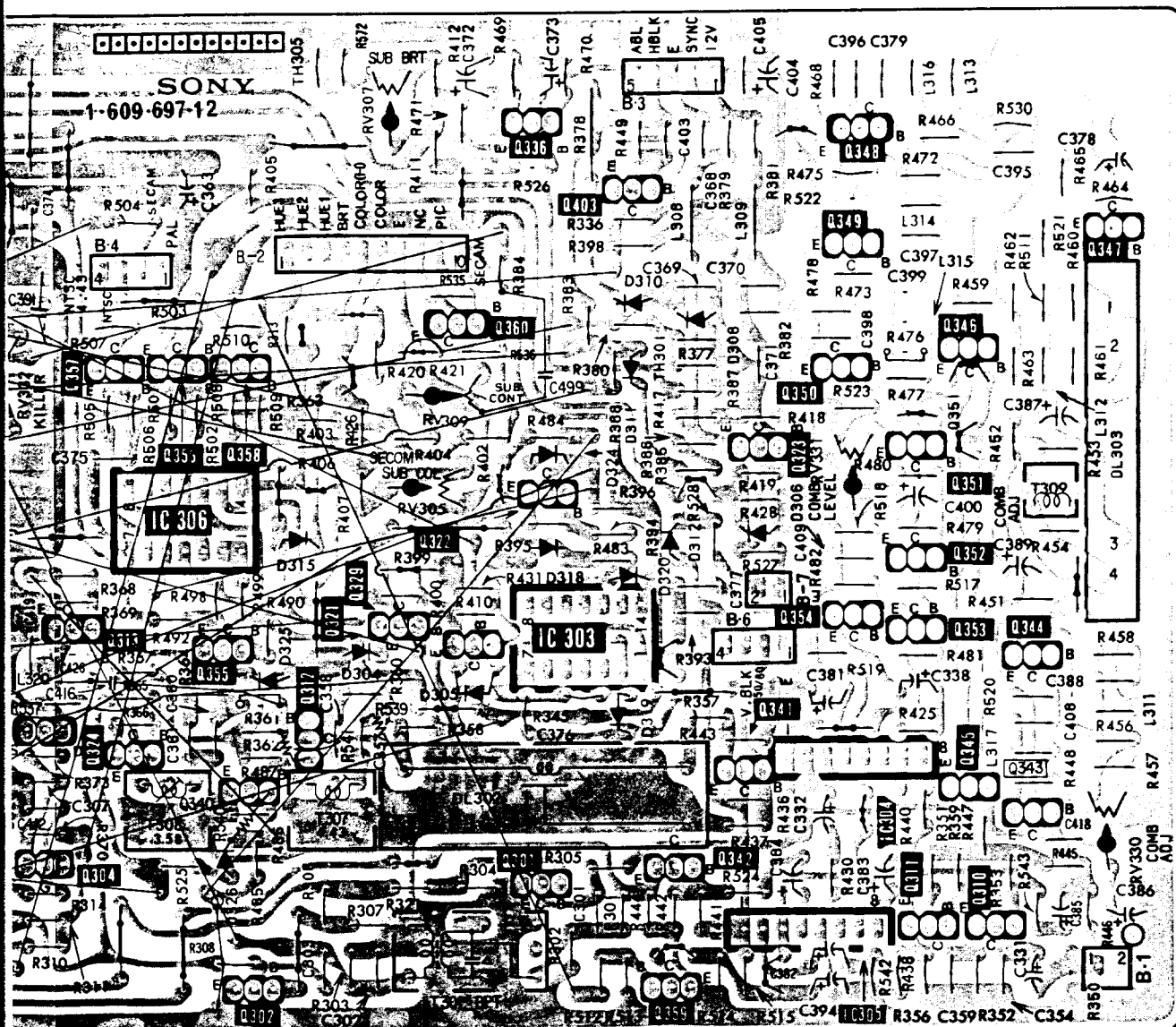
11

12

13

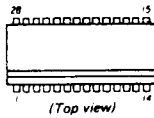
14

15

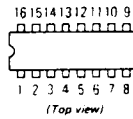
[illegible]

1-6. SEMICONDUCTORS

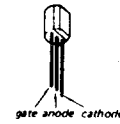
CX884



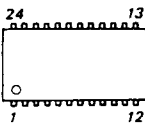
SN75154N

2SA1175
2SA1175F
2SC2785

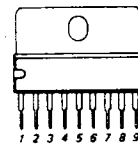
CR02AM-8

RH1
RH1A
RH1Z
SIB01-02

CX20061



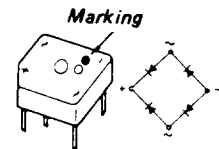
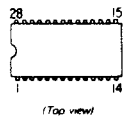
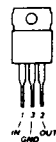
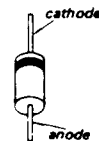
TDA4600



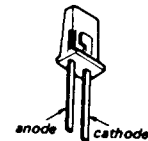
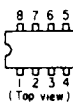
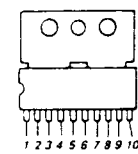
2SC1761

1S1555
1S2076
1SS82
1SS83
ERD28-08
RD13E-B
RD13E-B2
RD13E-B2Z7
RD20E-B3
RD5.1E-B2
RD6.8E-B2

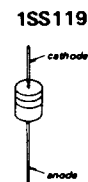
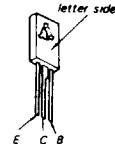
S3WB60Z

CX22019
 μ PC1364C2
 μ PC1365C μ PC78M05H2SC1815
2SC1890
2SC945
2SC2551

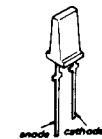
SG232D

CX7916
 μ PC4558C μ PC1358H

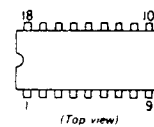
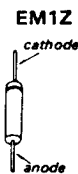
2SC2688



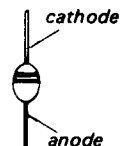
SY432D



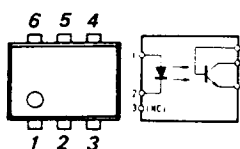
LA7802

2SA1013
2SC2383

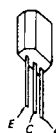
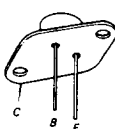
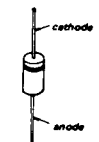
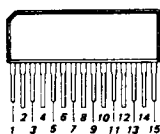
U05G



PC713



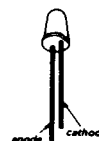
2SA1027R

2SD811
2SD898BERA81-004
GP08DV19B
V19C
V19E
V30NSN7406N
SN74LS00N
TC4011BP
TC4023BC
 μ PD4024BC2SA1048
2SA1048-GR
2SC2458
2SC2603

2SD1134



PR5525S



2SK107



BA**1-7. ELECTRICAL PARTS LIST**

NOTE:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board name.

* Items marked " Δ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

* All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS
* MF : μ F, PF : μ P

RESISTORS
* All resistors are in ohms
* F : nonflammable

COILS
* MMH : mH, UH : μ H

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
	Δ :A-1135-199-A	BA BOARD, COMPLETE *****		C339	1-123-380-00	ELECT 1MF 20% 50V	
	Δ :1-560-278-00	PLUG, CONNECTOR 8P		C340	1-108-849-00	MYLAR 0.1MF 10% 50V	
	Δ :1-560-278-00	PLUG, CONNECTOR 10P		C341	1-123-379-00	ELECT 0.47MF 20% 50V	
	Δ :1-560-278-00	PLUG, CONNECTOR 12P		C342	1-102-129-00	CERAMIC 0.01MF 10% 50V	
	Δ :1-562-243-00	CONNECTOR 25P		C343	1-101-006-00	CERAMIC 0.047MF 50V	
	Δ :4-603-275-00	LOCK, SCREW					
	CONNECTOR			C344	1-123-356-00	ELECT 10MF 20% 16V	
B1	Δ :1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C345	1-102-892-00	CERAMIC 22PF 5% 50V	
B2	Δ :1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P		C346	1-123-607-00	ELECT 0.1MF 20% 50V	
B3	Δ :1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C347	1-123-607-00	ELECT 0.1MF 20% 50V	
B4	Δ :1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		C348	1-123-607-00	ELECT 0.1MF 20% 50V	
B5	Δ :1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P					
B6	Δ :1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		C349	1-123-381-00	ELECT 2.2MF 20% 50V	
B7	Δ :1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C350	1-121-257-00	ELECT 4.7MF 16V	
B10	Δ :1-560-278-00	PLUG, CONNECTOR 10P		C351	1-101-361-00	CERAMIC 150PF 5% 50V	
	CAPACITOR			C352	1-102-971-00	CERAMIC 82PF 5% 50V	
C301	1-101-361-00	CERAMIC 150PF 5% 50V		C353	1-102-971-00	CERAMIC 82PF 5% 50V	
C302	1-101-884-00	CERAMIC 56PF 5% 50V		C354	1-101-361-00	CERAMIC 150PF 5% 50V	
C303	1-101-880-00	CERAMIC 47PF 5% 50V		C355	1-121-257-00	ELECT 4.7MF 16V	
C304	1-102-129-00	CERAMIC 0.01MF 10% 50V		C356	1-102-129-00	CERAMIC 0.01MF 10% 50V	
C305	1-101-880-00	CERAMIC 47PF 5% 50V		C357	1-102-944-00	CERAMIC 7PF 1PF 50V	
C306	1-102-944-00	CERAMIC 7PF 0.5PF 50V		C358	1-102-944-00	CERAMIC 7PF 1PF 50V	
C307	1-102-129-00	CERAMIC 0.01MF 10% 50V		C359	1-101-361-00	CERAMIC 150PF 5% 50V	
C308	1-106-212-00	MYLAR 0.047MF 10% 100V		C360	1-102-944-00	CERAMIC 7PF 1PF 50V	
C309	1-106-212-00	MYLAR 0.047MF 10% 100V		C361	1-102-944-00	CERAMIC 7PF 1PF 50V	
C310	1-123-381-00	ELECT 2.2MF 20% 50V		C362	1-123-332-00	ELECT 47MF 16V	
C311	1-102-852-00	CERAMIC 47PF 5% 50V		C363	1-123-332-00	ELECT 47MF 20% 16V	
C312	1-102-852-00	CERAMIC 47PF 5% 50V		C364	1-123-356-00	ELECT 10MF 20% 16V	
C314	1-102-963-00	CERAMIC 33PF 5% 50V		C365	1-101-006-00	CERAMIC 0.047MF 50V	
C315	1-102-129-00	CERAMIC 0.01MF 10% 50V		C366	1-123-333-00	ELECT 100MF 20% 16V	
C316	1-102-129-00	CERAMIC 0.01MF 10% 50V		C367	1-101-006-00	CERAMIC 0.047MF 50V	
C317	1-106-220-00	MYLAR 0.1MF 10% 100V		C368	1-102-971-00	CERAMIC 82PF 5% 50V	
C318	1-102-965-00	CERAMIC 39PF 50V		C369	1-102-824-00	CERAMIC 470PF 5% 50V	
C319	1-123-380-00	ELECT 1MF 20% 50V		C370	1-101-361-00	CERAMIC 150PF 5% 50V	
C320	1-102-129-00	CERAMIC 0.01MF 10% 50V		C371	1-106-196-00	MYLAR 0.01MF 10% 100V	
C321	1-123-380-00	ELECT 1MF 20% 50V		C372	1-123-379-00	ELECT 0.47MF 20% 50V	
C322	1-123-380-00	ELECT 1MF 20% 50V		C373	1-123-382-00	ELECT 3.3MF 20% 50V	
C325	1-123-369-00	ELECT 4.7MF 20% 25V		C374	1-106-212-00	MYLAR 0.047MF 10% 100V	
C326	1-102-959-00	CERAMIC 22PF 5% 50V		C375	1-101-006-00	CERAMIC 0.047MF 50V	
C327	1-123-369-00	ELECT 4.7MF 20% 25V		C376	1-101-006-00	CERAMIC 0.047MF 50V	
C328	1-102-129-00	CERAMIC 0.01MF 10% 50V		C377	1-102-115-00	CERAMIC 560PF 10% 50V	
C329	1-102-129-00	CERAMIC 0.01MF 10% 50V		C378	1-123-333-00	ELECT 100MF 20% 16V	
C330	1-102-129-00	CERAMIC 0.01MF 10% 50V		C379	1-102-959-00	CERAMIC 22PF 5% 50V	
C331	1-123-332-00	ELECT 47MF 20% 16V		C380	1-123-356-00	ELECT 10MF 20% 16V	
C332	1-123-332-00	ELECT 47MF 20% 16V		C381	1-123-332-00	ELECT 47MF 20% 16V	
C333	1-102-679-00	CERAMIC 120PF 5% 50V		C382	1-123-380-00	ELECT 1MF 20% 50V	
C334	1-123-356-00	ELECT 10MF 20% 16V		C383	1-123-380-00	ELECT 1MF 20% 50V	
C336	1-102-129-00	CERAMIC 0.01MF 10% 50V		C384	1-123-380-00	ELECT 1MF 20% 50V	
C337	1-102-892-00	CERAMIC 22PF 5% 50V		C385	1-123-330-00	ELECT 22MF 20% 16V	
C338	1-123-332-00	ELECT 47MF 20% 16V		C386	1-123-356-00	ELECT 10MF 20% 16V	
				C387	1-123-356-00	ELECT 10MF 20% 16V	
				C388	1-102-978-00	CERAMIC 220PF 5% 50V	
				C389	1-123-356-00	ELECT 10MF 20% 16V	
				C391	1-102-074-00	CERAMIC 0.001MF 10% 50V	
				C392	1-106-220-00	MYLAR 0.1MF 10% 100V	

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BA

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
Q312	8-729-204-83	TRANSISTOR 2SA1048-GR		R313	1-247-875-00	CARBON 68K 5% 1/6W	
Q313	8-729-245-83	TRANSISTOR 2SC2458		R314	1-247-903-00	CARBON 1M 5% 1/6W	
Q314	8-729-204-83	TRANSISTOR 2SA1048-GR		R315	1-247-807-00	CARBON 100 5% 1/6W	
Q315	8-729-245-83	TRANSISTOR 2SC2458		R316	1-247-839-00	CARBON 2.2K 5% 1/6W	
Q318	8-729-245-83	TRANSISTOR 2SC2458		R317	1-247-865-00	CARBON 27K 5% 1/6W	
Q320	8-729-245-83	TRANSISTOR 2SC2458		R318	1-247-865-00	CARBON 27K 5% 1/6W	
Q321	8-729-204-83	TRANSISTOR 2SA1048-GR		R319	1-247-831-00	CARBON 1K 5% 1/6W	
Q322	8-729-245-83	TRANSISTOR 2SC2458		R320	1-247-827-00	CARBON 680 5% 1/6W	
Q323	8-729-204-83	TRANSISTOR 2SA1048-GR		R321	1-247-879-00	CARBON 100K 5% 1/6W	
Q324	8-729-245-83	TRANSISTOR 2SC2458		R322	1-247-827-00	CARBON 680 5% 1/6W	
Q325	8-769-200-30	TRANSISTOR 2SK107-3		R323	1-247-903-00	CARBON 1M 5% 1/6W	
Q326	8-769-200-30	TRANSISTOR 2SK107-3		R324	1-247-887-00	CARBON 220K 5% 1/6W	
Q327	8-769-200-30	TRANSISTOR 2SK107-3		R325	1-247-847-00	CARBON 4.7K 5% 1/6W	
Q328	8-769-200-30	TRANSISTOR 2SK107-3		R326	1-247-835-00	CARBON 1.5K 5% 1/6W	
Q329	8-729-245-83	TRANSISTOR 2SC2458		R327	1-247-833-00	CARBON 1.2K 5% 1/6W	
Q336	8-729-245-83	TRANSISTOR 2SC2458		R328	1-247-877-00	CARBON 82K 5% 1/6W	
Q340	8-729-245-83	TRANSISTOR 2SC2458		R329	1-247-845-00	CARBON 3.9K 5% 1/6W	
Q341	8-729-245-83	TRANSISTOR 2SC2458		R330	1-247-849-00	CARBON 5.6K 5% 1/6W	
Q342	8-729-245-83	TRANSISTOR 2SC2458		R331	1-247-847-00	CARBON 4.7K 5% 1/6W	
Q343	8-729-245-83	TRANSISTOR 2SC2458		R332	1-247-821-00	CARBON 390 5% 1/6W	
Q344	8-729-245-83	TRANSISTOR 2SC2458		R333	1-247-815-00	CARBON 220 5% 1/6W	
Q345	8-729-245-83	TRANSISTOR 2SC2458		R334	1-247-815-00	CARBON 220 5% 1/6W	
Q346	8-729-245-83	TRANSISTOR 2SC2458		R335	1-247-823-00	CARBON 470 5% 1/6W	
Q347	8-729-245-83	TRANSISTOR 2SC2458		R336	1-247-871-00	CARBON 47K 5% 1/6W	
Q348	8-729-245-83	TRANSISTOR 2SC2458		R337	1-247-827-00	CARBON 680 5% 1/6W	
Q349	8-729-204-83	TRANSISTOR 2SA1048-GR		R338	1-247-867-00	CARBON 33K 5% 1/6W	
Q350	8-729-245-83	TRANSISTOR 2SC2458		R339	1-247-871-00	CARBON 47K 5% 1/6W	
Q351	8-729-245-83	TRANSISTOR 2SC2458		R340	1-247-815-00	CARBON 220 5% 1/6W	
Q352	8-729-245-83	TRANSISTOR 2SC2458		R341	1-247-819-00	CARBON 330 5% 1/6W	
Q353	8-729-204-83	TRANSISTOR 2SA1048-GR		R342	1-247-813-00	CARBON 180 5% 1/6W	
Q354	8-729-245-83	TRANSISTOR 2SC2458		R343	1-247-843-00	CARBON 3.3K 5% 1/6W	
Q355	8-729-204-83	TRANSISTOR 2SA1048-GR		R344	1-247-853-00	CARBON 8.2K 5% 1/6W	
Q356	8-729-204-83	TRANSISTOR 2SA1048-GR		R345	1-247-855-00	CARBON 10K 5% 1/6W	
Q357	8-729-204-83	TRANSISTOR 2SA1048-GR		R346	1-247-879-00	CARBON 100K 5% 1/6W	
Q358	8-729-204-83	TRANSISTOR 2SA1048-GR		R351	1-247-807-00	CARBON 100 5% 1/6W	
Q359	8-729-245-83	TRANSISTOR 2SC2458		R352	1-247-825-00	CARBON 560 5% 1/6W	
Q360	8-729-245-83	TRANSISTOR 2SC2458		R353	1-247-869-00	CARBON 39K 5% 1/6W	
Q402	8-729-204-83	TRANSISTOR 2SA1048-GR		R354	1-247-819-00	CARBON 330 5% 1/6W	
Q403	8-729-245-83	TRANSISTOR 2SC2458		R356	1-247-831-00	CARBON 1K 5% 1/6W	
<u>RESISTOR</u>				R357	1-247-835-00	CARBON 1.5K 5% 1/6W	
R301	1-247-833-00	CARBON 1.2K 5% 1/6W		R358	1-247-835-00	CARBON 1.5K 5% 1/6W	
R302	1-247-833-00	CARBON 1.2K 5% 1/6W		R359	1-247-833-00	CARBON 1.2K 5% 1/6W	
R303	1-247-845-00	CARBON 3.9K 5% 1/6W		R360	1-247-823-00	CARBON 470 5% 1/6W	
R304	1-247-859-00	CARBON 15K 5% 1/6W		R361	1-247-831-00	CARBON 1K 5% 1/6W	
R305	1-247-867-00	CARBON 33K 5% 1/6W		R362	1-247-843-00	CARBON 3.3K 5% 1/6W	
R306	1-247-879-00	CARBON 100K 5% 1/6W		R364	1-247-823-00	CARBON 470 5% 1/6W	
R307	1-247-859-00	CARBON 15K 5% 1/6W		R365	1-247-875-00	CARBON 68K 5% 1/6W	
R308	1-247-867-00	CARBON 33K 5% 1/6W		R366	1-247-863-00	CARBON 22K 5% 1/6W	
R309	1-247-823-00	CARBON 470 5% 1/6W		R367	1-247-867-00	CARBON 33K 5% 1/6W	
R310	1-247-839-00	CARBON 2.2K 5% 1/6W		R368	1-247-855-00	CARBON 10K 5% 1/6W	
R311	1-247-845-00	CARBON 3.9K 5% 1/6W		R369	1-247-871-00	CARBON 47K 5% 1/6W	
R312	1-247-903-00	CARBON 1M 5% 1/6W		R370	1-247-875-00	CARBON 68K 5% 1/6W	
				R371	1-247-847-00	CARBON 4.7K 5% 1/6W	

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Ref.No	Part No.	Description	Remark			Ref.No	Part No.	Description	Remark		
R372	1-247-867-00	CARBON	33K	5%	1/6W	R431	1-247-875-00	CARBON	68K	5%	1/6W
R373	1-247-867-00	CARBON	33K	5%	1/6W	R433	1-247-875-00	CARBON	68K	5%	1/6W
R374	1-247-867-00	CARBON	33K	5%	1/6W	R434	1-247-867-00	CARBON	33K	5%	1/6W
R375	1-247-871-00	CARBON	47K	5%	1/6W	R435	1-247-839-00	CARBON	2.2K	5%	1/6W
R377	1-247-829-00	CARBON	820	5%	1/6W	R436	1-247-875-00	CARBON	68K	5%	1/6W
R378	1-247-839-00	CARBON	2.2K	5%	1/8W F	R437	1-247-873-00	CARBON	56K	5%	1/6W
R379	1-247-853-00	CARBON	8.2K	5%	1/6W	R438	1-247-838-00	CARBON	2K	5%	1/6W
R380	1-247-837-00	CARBON	1.8K	5%	1/6W	R440	1-247-807-00	CARBON	100	5%	1/6W
R381	1-247-843-00	CARBON	3.3K	5%	1/6W	R441	1-247-875-00	CARBON	68K	5%	1/6W
R382	1-247-843-00	CARBON	3.3K	5%	1/6W	R442	1-247-873-00	CARBON	56K	5%	1/6W
R383	1-247-847-00	CARBON	4.7K	5%	1/6W	R443	1-247-839-00	CARBON	2.2K	5%	1/6W
R384	1-247-879-00	CARBON	100K	5%	1/6W	R444	1-247-839-00	CARBON	2.2K	5%	1/6W
R385	1-247-855-00	CARBON	10K	5%	1/6W	R445	1-247-863-00	CARBON	22K	5%	1/6W
R386	1-247-885-00	CARBON	180K	5%	1/6W	R446	1-247-857-00	CARBON	12K	5%	1/6W
R387	1-247-849-00	CARBON	5.6K	5%	1/6W	R447	1-247-823-00	CARBON	470	5%	1/6W
R388	1-247-859-00	CARBON	15K	5%	1/6W	R448	1-247-823-00	CARBON	470	5%	1/6W
R389	1-247-859-00	CARBON	15K	5%	1/6W	R449	1-247-871-00	CARBON	47K	5%	1/6W
R390	1-247-879-00	CARBON	100K	5%	1/6W	R451	1-247-839-00	CARBON	2.2K	5%	1/6W
R391	1-247-847-00	CARBON	4.7K	5%	1/6W	R452	1-247-827-00	CARBON	680	5%	1/6W
R392	1-247-879-00	CARBON	100K	5%	1/6W	R453	1-247-815-00	CARBON	220	5%	1/6W
R393	1-247-879-00	CARBON	100K	5%	1/6W	R454	1-247-827-00	CARBON	680	5%	1/6W
R394	1-247-875-00	CARBON	68K	5%	1/6W	R455	1-202-463-00	SOLID	2.2M	5%	1/4W
R395	1-247-855-00	CARBON	10K	5%	1/6W	R456	1-247-803-00	CARBON	68	5%	1/6W
R396	1-247-855-00	CARBON	10K	5%	1/6W	R457	1-247-815-00	CARBON	220	5%	1/6W
R397	1-247-879-00	CARBON	100K	5%	1/6W	R458	1-247-817-00	CARBON	270	5%	1/6W
R398	1-247-859-00	CARBON	15K	5%	1/6W	R459	1-247-831-00	CARBON	1K	5%	1/6W
R400	1-247-877-00	CARBON	82K	5%	1/6W	R460	1-247-827-00	CARBON	680	5%	1/6W
R401	1-247-873-00	CARBON	56K	5%	1/6W	R461	1-247-827-00	CARBON	680	5%	1/6W
R402	1-247-883-00	CARBON	150K	5%	1/6W	R462	1-247-827-00	CARBON	680	5%	1/6W
R403	1-247-867-00	CARBON	33K	5%	1/6W	R463	1-247-827-00	CARBON	680	5%	1/6W
R404	1-247-869-00	CARBON	39K	5%	1/6W	R464	1-247-831-00	CARBON	1K	5%	1/6W
R405	1-247-891-00	CARBON	330K	5%	1/6W	R465	1-247-823-00	CARBON	470	5%	1/6W
R406	1-247-870-00	CARBON	43K	5%	1/6W	R466	1-247-835-00	CARBON	1.5K	5%	1/6W
R407	1-247-867-00	CARBON	33K	5%	1/6W	R468	1-247-827-00	CARBON	680	5%	1/6W
R408	1-247-855-00	CARBON	10K	5%	1/6W	R469	1-247-855-00	CARBON	10K	5%	1/6W
R409	1-247-849-00	CARBON	5.6K	5%	1/6W	R470	1-247-863-00	CARBON	22K	5%	1/6W
R410	1-247-867-00	CARBON	33K	5%	1/6W	R471	1-247-857-00	CARBON	12K	5%	1/6W
R411	1-247-854-00	CARBON	9.1K	5%	1/6W	R472	1-247-827-00	CARBON	680	5%	1/6W
R412	1-247-863-00	CARBON	22K	5%	1/6W	R473	1-247-837-00	CARBON	1.8K	5%	1/6W
R413	1-247-815-00	CARBON	220	5%	1/6W	R474	1-247-875-00	CARBON	68K	5%	1/6W
R414	1-247-853-00	CARBON	8.2K	5%	1/6W	R475	1-247-823-00	CARBON	470	5%	1/6W
R415	1-247-815-00	CARBON	220	5%	1/6W	R477	1-247-831-00	CARBON	1K	5%	1/6W
R416	1-247-853-00	CARBON	8.2K	5%	1/6W	R478	1-247-819-00	CARBON	330	5%	1/6W
R417	1-247-879-00	CARBON	100K	5%	1/6W	R479	1-247-867-00	CARBON	33K	5%	1/6W
R418	1-247-903-00	CARBON	1M	5%	1/6W	R480	1-247-852-00	CARBON	7.5K	5%	1/6W
R419	1-247-837-00	CARBON	1.8K	5%	1/6W	R481	1-247-829-00	CARBON	820	5%	1/6W
R420	1-247-835-00	CARBON	1.5K	5%	1/6W	R482	1-247-831-00	CARBON	1K	5%	1/6W
R424	1-247-855-00	CARBON	10K	5%	1/6W	R483	1-247-815-00	CARBON	220	5%	1/6W
R425	1-247-807-00	CARBON	100	5%	1/6W	R484	1-247-863-00	CARBON	22K	5%	1/6W
R426	1-247-876-00	CARBON	75K	5%	1/6W	R485	1-247-863-00	CARBON	22K	5%	1/6W
R428	1-247-825-00	CARBON	560	5%	1/6W	R486	1-247-863-00	CARBON	22K	5%	1/6W
R429	1-247-859-00	CARBON	15K	5%	1/6W	R487	1-247-867-00	CARBON	33K	5%	1/6W
R430	1-247-807-00	CARBON	100	5%	1/6W	R490	1-247-875-00	CARBON	68K	5%	1/6W

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Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
R492	1-247-879-00	CARBON	100K 5% 1/6W	R604	1-247-104-00	CARBON	75 5% 1/4W
R493	1-247-831-00	CARBON	1K 5% 1/6W	R605	1-247-104-00	CARBON	75 5% 1/4W
R494	1-247-843-00	CARBON	3.3K 5% 1/6W	R841	1-247-870-00	CARBON	43K 5% 1/6W
R495	1-247-855-00	CARBON	10K 5% 1/6W	R842	1-247-879-00	CARBON	100K 5% 1/6W
R496	1-247-871-00	CARBON	47K 5% 1/6W				
						<u>VARIABLE RESISTOR</u>	
R497	1-247-855-00	CARBON	10K 5% 1/6W	RV301	1-226-849-00	RES, ADJ, CARBON	3.3K
R498	1-247-855-00	CARBON	10K 5% 1/6W	RV302	1-226-852-00	RES, ADJ, CARBON	22K
R499	1-247-855-00	CARBON	10K 5% 1/6W	RV303	1-226-852-00	RES, ADJ, CARBON	22K
R500	1-247-807-00	CARBON	100 5% 1/6W	RV305	1-226-853-00	RES, ADJ, CARBON	47K
R501	1-247-875-00	CARBON	68K 5% 1/6W	RV306	1-226-850-00	RES, ADJ, CARBON	4.7K
R502	1-247-855-00	CARBON	10K 5% 1/6W	RV307	1-226-850-00	RES, ADJ, CARBON	4.7K
R503	1-247-831-00	CARBON	1K 5% 1/6W	RV308	1-226-846-00	RES, ADJ, CARBON	470
R504	1-247-831-00	CARBON	1K 5% 1/6W	RV309	1-226-851-00	RES, ADJ, CARBON	10K
R505	1-247-875-00	CARBON	68K 5% 1/6W	RV330	1-226-845-00	RES, ADJ, CARBON	330
R506	1-247-855-00	CARBON	10K 5% 1/6W	RV331	1-226-847-00	RES, ADJ, CARBON	1K
R507	1-247-831-00	CARBON	1K 5% 1/6W	RV332	1-226-849-00	RES, ADJ, CARBON	3.3K
R508	1-247-875-00	CARBON	68K 5% 1/6W				
R509	1-247-855-00	CARBON	10K 5% 1/6W			<u>SWITCH</u>	
R510	1-247-831-00	CARBON	1K 5% 1/6W	S1	1-553-725-00	SWITCH, SLIDE	
R511	1-247-807-00	CARBON	100 5% 1/6W	S2	1-553-725-00	SWITCH, SLIDE	
				S3	1-553-725-00	SWITCH, SLIDE	
R512	1-247-875-00	CARBON	68K 5% 1/6W	S4	1-553-725-00	SWITCH, SLIDE	
R513	1-247-863-00	CARBON	22K 5% 1/6W	S5	1-553-725-00	SWITCH, SLIDE	
R514	1-247-863-00	CARBON	22K 5% 1/6W	S6	1-553-725-00	SWITCH, SLIDE	
R515	1-247-863-00	CARBON	22K 5% 1/6W				
R516	1-247-813-00	CARBON	180 5% 1/6W			<u>TRANSFORMER</u>	
R517	1-247-831-00	CARBON	1K 5% 1/6W	T301	1-425-786-00	TRANSFORMER, BANDPASS (BPT)	
R518	1-247-823-00	CARBON	470 5% 1/6W	T302	1-404-081-00	TRANSFORMER, DELAY ADJUST	
R519	1-247-843-00	CARBON	3.3K 5% 1/6W	T303	1-404-146-00	TRANSFORMER	
R520	1-247-835-00	CARBON	1.5K 5% 1/6W	T304	1-408-532-00	COIL, VARIABLE	
R521	1-247-807-00	CARBON	100 5% 1/6W	T305	1-408-532-00	COIL, VARIABLE	
R523	1-247-831-00	CARBON	1K 5% 1/6W	T306	1-408-513-00	COIL (VARIABLE)	
R524	1-247-807-00	CARBON	100 5% 1/6W	T307	1-409-193-00	COIL 3.58MHZ TRAP	
R525	1-247-869-00	CARBON	39K 5% 1/6W	T308	1-409-193-00	COIL 3.58MHZ TRAP	
R527	1-247-843-00	CARBON	3.3K 5% 1/6W	T309	1-408-513-00	COIL (VARIABLE)	
R528	1-247-843-00	CARBON	3.3K 5% 1/6W				
						<u>THERMISTOR</u>	
R530	1-247-814-00	CARBON	200 5% 1/6W	TH301	1-800-626-00	THERMISTOR	
R532	1-246-457-00	CARBON	220 5% 1/4W	TH302	1-800-944-00	THERMISTOR TH-4700	
R533	1-246-457-00	CARBON	220 5% 1/4W				
R535	1-247-878-00	CARBON	91K 5% 1/6W			<u>CRYSTAL</u>	
R536	1-247-882-00	CARBON	130K 5% 1/6W	X301	1-527-396-00	CRYSTAL, OSC	
				X302	1-527-345-00	CRYSTAL, OSC	
R537	1-247-865-00	CARBON	27K 5% 1/6W				
R538	1-247-872-00	CARBON	51K 5% 1/6W				
R539	1-247-829-00	CARBON	820 5% 1/6W				
R540	1-247-855-00	CARBON	10K 5% 1/6W				
R541	1-247-829-00	CARBON	820 5% 1/6W				
R542	1-247-831-00	CARBON	1K 5% 1/6W				
R543	1-247-838-00	CARBON	2K 5% 1/6W				
R545	1-247-883-00	CARBON	150K 5% 1/6W				
R572	1-247-838-00	CARBON	2K 5% 1/6W				
R600	1-247-104-00	CARBON	75 5% 1/4W				
R601	1-247-104-00	CARBON	75 5% 1/4W				
R602	1-247-104-00	CARBON	75 5% 1/4W				
R603	1-247-104-00	CARBON	75 5% 1/4W				

A-1135-200-A BB BOARD, COMPLETE
*****1-536-783-00 TERMINAL BOARD, INPUT/OUTPUT
A-4-323-833-00 HEAT SINK, PIN OUT

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Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
<u>CONNECTOR</u>				C646	1-102-820-00	CERAMIC 330PF	5% 50V
B81	♂:1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)		C647	1-102-820-00	CERAMIC 330PF	5% 50V
B82	♂:1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P		C648	1-123-333-00	ELECT 100MF	20% 25V
B83	♂:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C649	1-123-333-00	ELECT 100MF	20% 25V
B84	♂:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P		C650	1-123-380-00	ELECT 1MF	20% 50V
B86	♂:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C651	1-123-380-00	ELECT 1MF	20% 50V
B87	♂:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C652	1-123-380-00	ELECT 1MF	20% 50V
B88	♂:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P		C653	1-101-006-00	CERAMIC 0.047MF	50V
B89	♂:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C654	1-123-333-00	ELECT 100MF	20% 25V
B811	♂:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C655	1-123-356-00	ELECT 10MF	20% 25V
B812	♂:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P		C656	1-123-356-00	ELECT 10MF	20% 25V
B813	♂:1-560-156-00	PLUG, CONNECTOR (2.5MM PITCH)		C657	1-123-356-00	ELECT 10MF	20% 25V
B814	♂:1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P		C658	1-123-382-00	ELECT 3.3MF	20% 50V
B815	♂:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C659	1-123-380-00	ELECT 1MF	20% 50V
B816	♂:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C661	1-102-129-00	CERAMIC 0.01MF	10% 50V
B817	♂:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C662	1-123-332-00	ELECT 47MF	20% 25V
B818	♂:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C663	1-123-332-00	ELECT 47MF	20% 25V
B819	♂:1-508-765-00	3P PLUG (M)		C664	1-123-332-00	ELECT 47MF	20% 25V
<u>CAPACITOR</u>				C665	1-123-356-00	ELECT 10MF	20% 25V
C601	1-123-369-00	ELECT 4.7MF	20% 25V	C666	1-102-980-00	CERAMIC 270PF	5% 50V
C602	1-123-356-00	ELECT 10MF	20% 25V	C667	1-102-980-00	CERAMIC 270PF	5% 50V
C603	1-123-331-00	ELECT 33MF	20% 25V	C668	1-123-356-00	ELECT 10MF	20% 25V
C604	1-123-356-00	ELECT 10MF	20% 25V	C670	1-123-356-00	ELECT 10MF	20% 25V
C605	1-123-332-00	ELECT 47MF	20% 25V	C671	1-123-356-00	ELECT 10MF	20% 25V
C606	1-123-356-00	ELECT 10MF	20% 25V	C672	1-102-129-00	CERAMIC 0.01MF	10% 50V
C607	1-123-332-00	ELECT 47MF	20% 25V	C676	1-101-006-00	CERAMIC 0.047MF	50V
C608	1-123-356-00	ELECT 10MF	20% 25V	C677	1-102-129-00	CERAMIC 0.01MF	10% 50V
C609	1-123-332-00	ELECT 47MF	20% 25V	C680	1-102-980-00	CERAMIC 270PF	5% 50V
C611	1-123-380-00	ELECT 1MF	20% 50V	C681	1-123-356-00	ELECT 10MF	20% 25V
C613	1-123-380-00	ELECT 1MF	20% 50V	C682	1-102-980-00	CERAMIC 270PF	5% 50V
C615	1-123-380-00	ELECT 1MF	20% 50V	C683	1-123-333-00	ELECT 100MF	20% 25V
C617	1-123-380-00	ELECT 1MF	20% 50V	C685	1-123-333-00	ELECT 100MF	20% 25V
C618	1-123-356-00	ELECT 10MF	20% 25V	C687	1-123-356-00	ELECT 10MF	20% 25V
C620	1-123-331-00	ELECT 33MF	20% 25V	C688	1-123-356-00	ELECT 10MF	20% 25V
C621	1-123-380-00	ELECT 1MF	20% 50V	C689	1-102-125-00	CERAMIC 0.0047MF	10% 50V
C622	1-123-331-00	ELECT 33MF	20% 25V	C690	1-101-006-00	CERAMIC 0.047MF	50V
C623	1-102-129-00	CERAMIC 0.01MF	10% 50V	C691	1-123-332-00	ELECT 47MF	20% 25V
C624	1-123-333-00	ELECT 100MF	20% 25V	C692	1-123-380-00	ELECT 1MF	20% 50V
C626	1-123-332-00	ELECT 47MF	20% 25V	C693	1-123-380-00	ELECT 1MF	20% 50V
C627	1-101-006-00	CERAMIC 0.047MF	50V	C698	1-101-006-00	CERAMIC 0.047MF	50V
C631	1-123-333-00	ELECT 100MF	20% 25V	C699	1-102-129-00	CERAMIC 0.01MF	10% 50V
C632	1-102-824-00	CERAMIC 470PF	5% 50V	C701	1-102-129-00	CERAMIC 0.01MF	10% 50V
C633	1-102-824-00	CERAMIC 470PF	5% 50V	C702	1-102-129-00	CERAMIC 0.01MF	10% 50V
C634	1-123-333-00	ELECT 100MF	20% 25V	C705	1-102-666-00	CERAMIC 12PF	5% 50V
C637	1-123-356-00	ELECT 10MF	20% 25V	C706	1-102-666-00	CERAMIC 12PF	5% 50V
C640	1-123-356-00	ELECT 10MF	20% 25V	C707	1-102-666-00	CERAMIC 12PF	5% 50V
C641	1-123-356-00	ELECT 10MF	20% 25V	C708	1-123-332-00	ELECT 47MF	20% 25V
C642	1-123-332-00	ELECT 47MF	20% 25V	C710	1-102-129-00	CERAMIC 0.01MF	10% 50V
C643	1-123-332-00	ELECT 47MF	20% 25V	C711	1-102-129-00	CERAMIC 0.01MF	10% 50V
C644	1-123-332-00	ELECT 47MF	20% 25V	C713	1-108-624-61	MYLAR 0.0068MF	10% 100V
C645	1-102-820-00	CERAMIC 330PF	5% 50V	C715	1-102-129-00	CERAMIC 0.01MF	10% 50V
				C716	1-102-129-00	CERAMIC 0.01MF	10% 50V

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Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
C721	1-101-006-00	CERAMIC 0.047MF	50V	Q613	8-729-245-83	TRANSISTOR 2SC2458	
C722	1-101-006-00	CERAMIC 0.047MF	50V	Q614	8-729-245-83	TRANSISTOR 2SC2458	
C722B	1-123-380-00	ELECT 1MF	20% 50V	Q615	8-729-245-83	TRANSISTOR 2SC2458	
C723	1-101-006-00	CERAMIC 0.047MF	50V	Q616	8-729-245-83	TRANSISTOR 2SC2458	
C723B	1-123-380-00	ELECT 1MF	20% 50V	Q617	8-729-245-83	TRANSISTOR 2SC2458	
C724	1-101-006-00	CERAMIC 0.047MF	50V	Q618	8-729-245-83	TRANSISTOR 2SC2458	
C725	1-101-006-00	CERAMIC 0.047MF	50V	Q619	8-729-204-83	TRANSISTOR 2SA1048-GR	
C725B	1-101-004-00	CERAMIC 0.01MF	50V	Q620	8-729-204-83	TRANSISTOR 2SA1048-GR	
<u>DIODE</u>				Q621	8-729-204-83	TRANSISTOR 2SA1048-GR	
D601	8-719-911-19	DIODE 1SS119		Q622	8-729-245-83	TRANSISTOR 2SC2458	
D602	8-719-911-19	DIODE 1SS119		Q623	8-729-245-83	TRANSISTOR 2SC2458	
D603	8-719-911-19	DIODE 1SS119		Q624	8-729-245-83	TRANSISTOR 2SC2458	
D604	8-719-911-19	DIODE 1SS119		Q625	8-729-245-83	TRANSISTOR 2SC2458	
D605	8-719-911-19	DIODE 1SS119		Q626	8-729-245-83	TRANSISTOR 2SC2458	
D606	8-719-911-19	DIODE 1SS119		Q627	8-729-245-83	TRANSISTOR 2SC2458	
D607	8-719-911-19	DIODE 1SS119		Q628	8-729-245-83	TRANSISTOR 2SC2458	
D608	8-719-911-19	DIODE 1SS119		Q629	8-729-245-83	TRANSISTOR 2SC2458	
D610	8-719-911-19	DIODE 1SS119		Q630	8-729-245-83	TRANSISTOR 2SC2458	
D611	8-719-911-19	DIODE 1SS119		Q631	8-729-245-83	TRANSISTOR 2SC2458	
D612	8-719-911-19	DIODE 1SS119		Q632	8-729-204-83	TRANSISTOR 2SA1048-GR	
D613	8-719-100-38	DIODE RD6.2E-82		Q633	8-729-245-83	TRANSISTOR 2SC2458	
D616	8-719-981-01	DIODE ERA81-004		Q634	8-729-245-83	TRANSISTOR 2SC2458	
<u>IC</u>				Q635	8-729-245-83	TRANSISTOR 2SC2458	
IC603	8-759-900-00	IC SN74LS00N		Q636	8-729-245-83	TRANSISTOR 2SC2458	
IC604	8-759-900-00	IC SN74LS00N		Q637	8-729-245-83	TRANSISTOR 2SC2458	
IC606	8-759-951-54	IC SN75154N		Q638	8-729-245-83	TRANSISTOR 2SC2458	
IC607	8-759-974-06	IC SN7406N		Q639	8-729-245-83	TRANSISTOR 2SC2458	
IC608	8-750-000-74	IC CX20061		Q640	8-729-245-83	TRANSISTOR 2SC2458	
IC609	8-750-000-74	IC CX20061		Q641	8-729-245-83	TRANSISTOR 2SC2458	
IC610	8-750-000-74	IC CX20061		Q642	8-729-245-83	TRANSISTOR 2SC2458	
IC611	8-752-201-90	IC CX22019		Q643	8-729-245-83	TRANSISTOR 2SC2458	
IC612	8-759-905-10	IC CX884		Q644	8-729-204-83	TRANSISTOR 2SA1048-GR	
IC614	8-750-000-74	IC CX20061		Q645	8-729-204-83	TRANSISTOR 2SA1048-GR	
IC615	8-759-170-05	IC UPC78M05H		Q646	8-729-245-83	TRANSISTOR 2SC2458	
<u>COIL</u>				Q649	8-729-245-83	TRANSISTOR 2SC2458	
L601	1-408-226-00	MICRO INDUCTOR 82UH		Q650	8-729-245-83	TRANSISTOR 2SC2458	
L602	1-408-399-00	MICRO INDUCTOR 1.5UH		Q651	8-729-313-42	TRANSISTOR 2SD1134	
L603	1-408-399-00	MICRO INDUCTOR 1.5UH		<u>RESISTOR</u>			
L604	1-408-399-00	MICRO INDUCTOR 1.5UH		R601	1-247-881-00	CARBON 120K 5%	1/6W
<u>TRANSISTOR</u>				R602	1-247-895-00	CARBON 470K 5%	1/6W
Q601	8-729-245-83	TRANSISTOR 2SC2458		R603	1-247-855-00	CARBON 10K 5%	1/6W
Q602	8-729-245-83	TRANSISTOR 2SC2458		R604	1-247-842-00	CARBON 3K 5%	1/6W
Q603	8-729-245-83	TRANSISTOR 2SC2458		R606	1-247-831-00	CARBON 1K 5%	1/6W
Q604	8-729-245-83	TRANSISTOR 2SC2458		R607	1-247-807-00	CARBON 100 5%	1/6W
Q605	8-729-245-83	TRANSISTOR 2SC2458		R608	1-247-871-00	CARBON 47K 5%	1/6W
Q606	8-729-245-83	TRANSISTOR 2SC2458		R610	1-247-867-00	CARBON 33K 5%	1/6W
Q608	8-729-245-83	TRANSISTOR 2SC2458		R612	1-247-807-00	CARBON 100 5%	1/6W
Q611	8-729-245-83	TRANSISTOR 2SC2458		R615	1-247-817-00	CARBON 270 5%	1/6W
Q612	8-729-245-83	TRANSISTOR 2SC2458		R616	1-247-835-00	CARBON 1.5K 5%	1/6W
				R618	1-247-831-00	CARBON 1K 5%	1/6W
				R619	1-247-875-00	CARBON 68K 5%	1/6W
				R620	1-247-867-00	CARBON 33K 5%	1/6W

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Ref.No	Part No.	Description	Remark			Ref.No	Part No.	Description	Remark		
R621	1-247-831-00	CARBON	1K	5%	1/6W	R680	1-247-843-00	CARBON	3.3K	5%	1/6W
R622	1-247-807-00	CARBON	100	5%	1/6W	R681	1-247-843-00	CARBON	3.3K	5%	1/6W
R623	1-247-831-00	CARBON	1K	5%	1/6W	R682	1-247-843-00	CARBON	3.3K	5%	1/6W
R624	1-247-875-00	CARBON	68K	5%	1/6W	R683	1-247-843-00	CARBON	3.3K	5%	1/6W
R625	1-247-867-00	CARBON	33K	5%	1/6W	R684	1-247-843-00	CARBON	3.3K	5%	1/6W
R626	1-247-831-00	CARBON	1K	5%	1/6W	R685	1-247-843-00	CARBON	3.3K	5%	1/6W
R627	1-247-807-00	CARBON	100	5%	1/6W	R686	1-247-843-00	CARBON	3.3K	5%	1/6W
R628	1-247-831-00	CARBON	1K	5%	1/6W	R687	1-247-859-00	CARBON	15K	5%	1/6W
R629	1-247-875-00	CARBON	68K	5%	1/6W	R688	1-247-831-00	CARBON	1K	5%	1/6W
R630	1-247-867-00	CARBON	33K	5%	1/6W	R689	1-247-831-00	CARBON	1K	5%	1/6W
R631	1-247-831-00	CARBON	1K	5%	1/6W	R690	1-247-831-00	CARBON	1K	5%	1/6W
R632	1-247-807-00	CARBON	100	5%	1/6W	R691	1-247-807-00	CARBON	100	5%	1/6W
R633	1-247-871-00	CARBON	47K	5%	1/6W	R692	1-247-807-00	CARBON	100	5%	1/6W
R634	1-247-867-00	CARBON	33K	5%	1/6W	R693	1-247-807-00	CARBON	100	5%	1/6W
R635	1-247-871-00	CARBON	47K	5%	1/6W	R694	1-247-831-00	CARBON	1K	5%	1/6W
R636	1-247-867-00	CARBON	33K	5%	1/6W	R695	1-247-843-00	CARBON	3.3K	5%	1/6W
R637	1-247-871-00	CARBON	47K	5%	1/6W	R696	1-247-815-00	CARBON	220	5%	1/6W
R638	1-247-867-00	CARBON	33K	5%	1/6W	R697	1-247-815-00	CARBON	220	5%	1/6W
R639	1-247-867-00	CARBON	33K	5%	1/6W	R698	1-247-815-00	CARBON	220	5%	1/6W
R640	1-247-871-00	CARBON	47K	5%	1/6W	R699	1-247-901-00	CARBON	820K	5%	1/6W
R641	1-246-873-11	CARBON	22	5%	1/4W F	R700	1-247-901-00	CARBON	820K	5%	1/6W
R642	1-247-867-00	CARBON	33K	5%	1/6W	R701	1-247-901-00	CARBON	820K	5%	1/6W
R644	1-247-807-00	CARBON	100	5%	1/6W	R702	1-247-869-00	CARBON	39K	5%	1/6W
R645	1-247-825-00	CARBON	560	5%	1/6W	R703	1-247-883-00	CARBON	150K	5%	1/6W
R646	1-247-820-00	CARBON	360	5%	1/6W	R704	1-247-867-00	CARBON	33K	5%	1/6W
R651	1-247-807-00	CARBON	100	5%	1/6W	R705	1-247-849-00	CARBON	5.6K	5%	1/6W
R652	1-247-807-00	CARBON	100	5%	1/6W	R707	1-247-863-00	CARBON	22K	5%	1/6W
R653	1-247-807-00	CARBON	100	5%	1/6W	R708	1-247-849-00	CARBON	5.6K	5%	1/6W
R654	1-247-807-00	CARBON	100	5%	1/6W	R709	1-247-791-00	CARBON	22	5%	1/6W
R656	1-247-807-00	CARBON	100	5%	1/6W	R710	1-247-825-00	CARBON	560	5%	1/6W
R657	1-247-847-00	CARBON	4.7K	5%	1/6W	R711	1-247-799-00	CARBON	47	5%	1/6W
R658	1-247-831-00	CARBON	1K	5%	1/6W	R712	1-247-791-00	CARBON	22	5%	1/6W
R659	1-247-847-00	CARBON	4.7K	5%	1/6W	R713	1-247-799-00	CARBON	47	5%	1/6W
R660	1-247-847-00	CARBON	4.7K	5%	1/6W	R714	1-247-825-00	CARBON	560	5%	1/6W
R661	1-247-847-00	CARBON	4.7K	5%	1/6W	R715	1-247-791-00	CARBON	22	5%	1/6W
R662	1-247-841-00	CARBON	2.7K	5%	1/6W	R716	1-247-825-00	CARBON	560	5%	1/6W
R663	1-247-847-00	CARBON	4.7K	5%	1/6W	R717	1-247-840-00	CARBON	2.4K	5%	1/6W
R664	1-247-831-00	CARBON	1K	5%	1/6W	R718	1-247-840-00	CARBON	2.4K	5%	1/6W
R665	1-247-875-00	CARBON	68K	5%	1/6W	R719	1-247-840-00	CARBON	2.4K	5%	1/6W
R666	1-247-867-00	CARBON	33K	5%	1/6W	R720	1-247-847-00	CARBON	4.7K	5%	1/6W
R667	1-247-831-00	CARBON	1K	5%	1/6W	R721	1-247-845-00	CARBON	3.9K	5%	1/6W
R668	1-247-807-00	CARBON	100	5%	1/6W	R722	1-247-838-00	CARBON	2K	5%	1/6W
R669	1-247-831-00	CARBON	1K	5%	1/6W	R723	1-247-838-00	CARBON	2K	5%	1/6W
R670	1-247-875-00	CARBON	68K	5%	1/6W	R724	1-247-838-00	CARBON	2K	5%	1/6W
R671	1-247-867-00	CARBON	33K	5%	1/6W	R725	1-247-823-00	CARBON	470	5%	1/6W
R672	1-247-831-00	CARBON	1K	5%	1/6W	R726	1-247-823-00	CARBON	470	5%	1/6W
R673	1-247-807-00	CARBON	100	5%	1/6W	R727	1-247-823-00	CARBON	470	5%	1/6W
R674	1-247-831-00	CARBON	1K	5%	1/6W	R728	1-247-871-00	CARBON	47K	5%	1/6W
R675	1-247-875-00	CARBON	68K	5%	1/6W	R729	1-247-855-00	CARBON	10K	5%	1/6W
R676	1-247-867-00	CARBON	33K	5%	1/6W	R730	1-247-827-00	CARBON	680	5%	1/6W
R677	1-247-807-00	CARBON	100	5%	1/6W	R731	1-247-843-00	CARBON	3.3K	5%	1/6W
R678	1-247-831-00	CARBON	1K	5%	1/6W	R732	1-247-855-00	CARBON	10K	5%	1/6W
R679	1-247-857-00	CARBON	12K	5%	1/6W	R733	1-247-851-00	CARBON	6.8K	5%	1/6W

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Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
R734	1-247-824-00	CARBON	510 5% 1/6W	R790	1-247-831-00	CARBON	1K 5% 1/6W
R735	1-247-848-00	CARBON	5.1K 5% 1/6W	R791	1-247-121-00	CARBON	390 5% 1/4W F
R736	1-247-842-00	CARBON	3K 5% 1/6W	R792	1-212-360-00	METAL OXIDE	1 5% 1W F
R737	1-247-885-00	CARBON	180K 5% 1/6W	R793	1-247-855-00	CARBON	10K 5% 1/6W
R738	1-247-862-00	CARBON	20K 5% 1/6W	R794	1-247-807-00	CARBON	100 5% 1/6W
R739	1-247-849-00	CARBON	5.6K 5% 1/6W	R795	1-217-267-00	WIREWOUND	33 10% 3W F
R740	1-247-855-00	CARBON	10K 5% 1/6W	R797	1-247-847-00	CARBON	4.7K 5% 1/6W
R741	1-247-804-00	CARBON	75 5% 1/6W	R798	1-247-843-00	CARBON	3.3K 5% 1/6W
R742	1-247-859-00	CARBON	15K 5% 1/6W	R799	1-247-861-00	CARBON	18K 5% 1/6W
R743	1-247-804-00	CARBON	75 5% 1/6W	R800	1-247-807-00	CARBON	100 5% 1/6W
R744	1-247-859-00	CARBON	15K 5% 1/6W	R801	1-247-843-00	CARBON	3.3K 5% 1/6W
R745	1-247-843-00	CARBON	3.3K 5% 1/6W	R806	1-247-104-00	CARBON	75 5% 1/4W
R746	1-247-843-00	CARBON	3.3K 5% 1/6W	R810	1-247-799-00	CARBON	47 5% 1/6W
R747	1-247-804-00	CARBON	75 5% 1/6W	R811	1-247-838-00	CARBON	2K 5% 1/6W
R748	1-247-859-00	CARBON	15K 5% 1/6W	R812	1-247-843-00	CARBON	3.3K 5% 1/6W
R749	1-247-843-00	CARBON	3.3K 5% 1/6W	R814	1-247-843-00	CARBON	3.3K 5% 1/6W
R750	1-247-847-00	CARBON	4.7K 5% 1/6W	R815	1-247-843-00	CARBON	3.3K 5% 1/6W
R751	1-247-847-00	CARBON	4.7K 5% 1/6W	R817	1-247-831-00	CARBON	1K 5% 1/6W
R752	1-247-847-00	CARBON	4.7K 5% 1/6W	R820	1-247-863-00	CARBON	22K 5% 1/6W
R753	1-247-831-00	CARBON	1K 5% 1/6W	R821	1-247-843-00	CARBON	3.3K 5% 1/6W
R754	1-247-831-00	CARBON	1K 5% 1/6W	R822	1-247-823-00	CARBON	470 5% 1/6W
R755	1-247-831-00	CARBON	1K 5% 1/6W	R823	1-247-831-00	CARBON	1K 5% 1/6W
R756	1-247-821-00	CARBON	390 5% 1/6W	R824	1-247-831-00	CARBON	1K 5% 1/6W
R757	1-247-807-00	CARBON	100 5% 1/6W	R825	1-247-831-00	CARBON	1K 5% 1/6W
R758	1-247-821-00	CARBON	390 5% 1/6W	R826	1-247-807-00	CARBON	100 5% 1/6W
R759	1-247-807-00	CARBON	100 5% 1/6W	R827	1-247-823-00	CARBON	470 5% 1/6W
R760	1-247-821-00	CARBON	390 5% 1/6W	R841	1-247-870-00	CARBON	43K 5% 1/6W
R761	1-247-807-00	CARBON	100 5% 1/6W	R842	1-247-879-00	CARBON	100K 5% 1/6W
R762	1-247-847-00	CARBON	4.7K 5% 1/6W	VARIABLE RESISTOR			
R763	1-247-847-00	CARBON	4.7K 5% 1/6W	RV601	1-226-772-00	RES, ADJ, METAL GLAZE 4.7K	
R764	1-247-817-00	CARBON	270 5% 1/6W	RV602	1-226-773-00	RES, ADJ, METAL GLAZE 22K	
R765	1-247-838-00	CARBON	2K 5% 1/6W	RV603	1-226-773-00	RES, ADJ, METAL GLAZE 22K	
R766	1-247-840-00	CARBON	2.4K 5% 1/6W	RV604	1-226-773-00	RES, ADJ, METAL GLAZE 22K	
R767	1-247-831-00	CARBON	1K 5% 1/6W	RV605	1-226-773-00	RES, ADJ, METAL GLAZE 22K	
R768	1-247-859-00	CARBON	15K 5% 1/6W	*****			
R769	1-247-804-00	CARBON	75 5% 1/6W	▲:A-1245-190-A F BOARD, COMPLETE			
R770	1-247-831-00	CARBON	1K 5% 1/6W	*****			
R771	1-247-859-00	CARBON	15K 5% 1/6W	▲:1-534-820-XX POWER CORD			
R772	1-247-886-00	CARBON	200K 5% 1/6W	1-543-194-00 CORE, BEAD			
R773	1-247-846-00	CARBON	4.3K 5% 1/6W	3-701-748-00 CLAMP			
R774	1-247-851-00	CARBON	6.8K 5% 1/6W	3-701-809-21 SCREW, TERMINAL (M3X6)			
R776	1-247-859-00	CARBON	15K 5% 1/6W	3-701-810-31 SCREW, TERMINAL			
R777	1-247-895-00	CARBON	470K 5% 1/6W	▲:3-703-141-00 HOLDER, PCB			
R778	1-247-847-00	CARBON	4.7K 5% 1/6W	▲:4-364-719-00 CASE (A), SHIELD			
R779	1-247-831-00	CARBON	1K 5% 1/6W	▲:4-364-720-00 CASE (B), SHIELD			
R780	1-247-871-00	CARBON	47K 5% 1/6W	CAPACITOR			
R781	1-247-867-00	CARBON	33K 5% 1/6W	C601	▲:1-130-238-00	MYLAR 0.22MF	20% 300V
R782	1-247-863-00	CARBON	22K 5% 1/6W	▲:4-316-137-00 COVER, CAPACITOR, C601			
R783	1-247-863-00	CARBON	22K 5% 1/6W	C602	▲:1-130-238-00	MYLAR 0.22MF	20% 300V
R785	1-247-849-00	CARBON	5.6K 5% 1/6W	▲:4-316-137-00 COVER, CAPACITOR, C602			
R786	1-247-823-00	CARBON	470 5% 1/6W				
R788	1-247-859-00	CARBON	15K 5% 1/6W				
R789	1-247-831-00	CARBON	1K 5% 1/6W				

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Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
C605	▲1-130-238-00	MYLAR	0.22MF 20% 300V			<u>FUSE</u>	
C606	1-161-738-00	CERAMIC	0.0047MF 20% 400V	F601	▲1-532-325-00	FUSE, TIME-LAG 6.3A	
C607	1-161-738-00	CERAMIC	0.0047MF 20% 400V		1-533-087-00	HOLDER, FUSE, F601	
C608	1-125-287-00	ELECT (BLOCK)	430MF 400V			<u>IC</u>	
C609	1-161-738-00	CERAMIC	0.0047MF 20% 400V				
C610	1-161-953-00	CERAMIC	0.0047MF 20% 400V	IC601	8-759-000-09	IC TDA4600-2	
C611	1-161-738-00	CERAMIC	0.0047MF 20% 400V		▲4-356-301-00	HEAT SINK (D), IC601	
C612	1-161-953-00	CERAMIC	0.0047MF 20% 400V			<u>COIL</u>	
	4-875-455-21	COVER (DIA. 20), CAPACITOR, C612					
C613	1-161-738-00	CERAMIC	0.0047MF 20% 400V	L601	1-407-180-XX	MICRO INDUCTOR 1.5UH	
C614	1-161-739-00	CERAMIC	0.01MF 20% 400V	L602	1-408-421-00	MICRO INDUCTOR 100UH	
C615	1-102-327-00	CERAMIC	330PF 15% 1.5KV	L603	1-425-613-00	COIL, AIR-CORE, QF TYPE	
C616	1-129-703-00	FILM	0.0012MF 10% 630V	L604	1-459-215-00	CORE COIL	
C617	1-102-327-00	CERAMIC	330PF 15% 1.5KV	L605	1-408-403-00	MICRO INDUCTOR 3.3UH	
C618	1-124-025-00	ELECT	100MF 20% 15V	L607	1-421-487-00	COIL, CHOKE	
C619	1-123-335-00	ELECT	330MF 20% 25V	L608	1-459-215-00	CORE COIL	
C620	1-123-381-00	ELECT	2.2MF 20% 50V	L611	1-407-364-00	COIL, SPOOK CHOKE	
C621	1-102-002-00	CERAMIC	680PF 10% 500V	L612	1-407-184-XX	MICRO INDUCTOR 3.3UH	
C623	1-102-959-00	CERAMIC	22PF 5% 50V			<u>THERMISTOR</u>	
C625	1-106-200-00	MYLAR	0.015MF 10% 100V	PTH601	1-800-665-00	THERMISTOR	
C626	1-102-327-00	CERAMIC	330PF 15% 1.5KV			<u>TRANSISTOR</u>	
C627	1-123-024-00	ELECT	33MF 160V				
C628	1-124-131-00	ELECT	47MF 20% 100V	Q601	8-719-000-28	THYRISTOR CRO2AM-8	
C629	1-102-121-00	CERAMIC	0.0022MF 10% 50V	Q602	8-729-300-60	TRANSISTOR 2SC1413-SY	
C630	1-102-030-00	CERAMIC	330PF 10% 500V		3-701-353-00	SPACER, MICA, Q602	
C631	1-124-128-00	ELECT	470MF 20% 25V		3-701-609-00	BUSHING (B), TR, Q602	
C632	1-124-128-00	ELECT	470MF 20% 25V		▲4-314-938-01	RETAINER (TO-3), TRANSISTOR, Q602	
C634	1-102-030-00	CERAMIC	330PF 10% 500V		▲4-336-010-00	HEAT SINK, Q602	
C637	1-102-121-00	CERAMIC	0.0022MF 10% 50V			<u>RESISTOR</u>	
C638	1-124-025-00	ELECT	100MF 20% 16V	R602	1-206-688-00	METAL OXIDE 10K 5% 2W F	
C639	1-108-849-00	MYLAR	0.1MF 10% 50V	R603	1-247-289-00	CARBON 8.2M 5% 1W	
C645	1-108-625-61	MYLAR	0.0082MF 10% 100V	R604	1-244-929-00	CARBON 220K 5% 1/2W	
		<u>DIODE</u>		R605	1-212-356-00	METAL OXIDE 0.47 5% 1W F	
D601	8-719-911-55	DIODE U05G		R606	1-247-844-00	CARBON 3.6K 5% 1/6W	
D602	8-719-503-06	DIODE S3W860Z		R607	1-244-931-00	CARBON 270K 5% 1/2W	
D603	8-719-100-68	DIODE RD13E-B2		R608A	1-214-913-00	METAL 100K 1% 1/2W	
D604	8-719-300-70	DIODE RH1C		R608B	1-214-915-00	METAL 120K 1% 1/2W	
D605	8-719-911-19	DIODE 1SS119		R610	1-247-819-00	CARBON 330 5% 1/6W	
D606	8-719-300-45	DIODE EM1Z		R611	1-246-981-00	CARBON 4.7 5% 1/8W F	
D607	8-719-300-45	DIODE EM1Z		R612	1-247-857-00	CARBON 12K 5% 1/6W	
D608	8-719-911-19	DIODE 1SS119		R613	1-247-833-00	CARBON 1.2K 5% 1/6W	
D609	8-719-901-93	DIODE V19E		R614	1-247-855-00	CARBON 10K 5% 1/6W	
D610	8-719-928-08	DIODE ERD28-08		R615	1-244-929-00	CARBON 220K 5% 1/2W	
D611	8-719-901-93	DIODE V19E		R616	1-247-795-00	CARBON 33 5% 1/6W	
D612	8-719-907-30	DIODE ERB84-009		R617	1-247-849-00	CARBON 5.6K 5% 1/6W	
D613	8-719-901-93	DIODE V19E		R618	1-247-839-00	CARBON 2.2K 5% 1/6W	
		<u>CONNECTOR</u>		R619	1-206-519-00	METAL OXIDE 22 5% 3W F	
F1	▲1-506-348-XX	3P PLUG (L)		R620	1-217-305-00	WIREWOUND 39 10% 5W F	
F2	▲1-506-348-XX	3P PLUG (L)		R622	1-246-997-00	CARBON 1.2 5% 1/4W F	
F3	▲1-508-765-00	3P PLUG (M)					
F4	▲1-508-768-00	6P PLUG					

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Ref.No	Part No.	Description	Remark
R623	1-202-724-00	SOLID 2.7M 10%	1/2W
* R626	Δ. 1-247-869-00	CARBON 39K 5%	1/6W
* R626	Δ. 1-247-870-00	CARBON 43K 5%	1/6W
* R626	Δ. 1-247-871-00	CARBON 47K 5%	1/6W
* R626	Δ. 1-247-872-00	CARBON 51K 5%	1/6W
* R626	Δ. 1-247-873-00	CARBON 56K 5%	1/6W
* R626	Δ. 1-247-874-00	CARBON 62K 5%	1/6W
* R626	Δ. 1-247-875-00	CARBON 68K 5%	1/6W
* R626	Δ. 1-247-876-00	CARBON 75K 5%	1/6W
R633	1-206-690-00	METAL OXIDE 12K 5%	2W F
R634	1-247-791-00	CARBON 22 5%	1/8W F

VARIABLE RESISTOR

RV601 1-226-850-00 RES, ADJ, CARBON 4.7K

TRANSFORMER

T601 Δ. 1-421-352-00 TRANSFORMER, FERRITE
 T602 Δ. 1-421-352-00 TRANSFORMER, FERRITE
 T603 Δ. 1-421-584-00 TRANSFORMER, FERRITE (SRT)

THERMISTOR

TH601 1-800-820-00 THERMISTOR, POWER

Δ: A-1330-452-A C BOARD, COMPLETE

Δ: 1-609-700-00 C BOARD
 1-526-645-00 SOCKET, CRT
 Δ: 1-556-148-00 CONNECTOR ASSY, MINIATURE 3P
 Δ: 1-556-396-00 CONNECTOR ASSY (2.5MM) 5P

CONNECTOR

C1 Δ: 1-508-765-00 3P PLUG (M)
 C2 Δ: 1-508-786-00 2P PLUG (M)

CAPACITOR

C701	1-121-759-00	ELECT	4.7MF	250V
C702	1-129-737-00	FILM	0.047MF	20% 630V
C703	1-102-249-00	CERAMIC	680PF	20% 2KV
C704	1-123-356-00	ELECT	10MF	20% 25V
C705	1-108-433-00	MYLAR	0.1MF	10% 200V
C706	1-102-822-00	CERAMIC	390PF	5% 50V
C707	1-102-822-00	CERAMIC	390PF	5% 50V
C708	1-102-824-00	CERAMIC	470PF	5% 50V
C709	1-161-830-00	CERAMIC	0.0047MF	500V
C710	1-102-219-00	CERAMIC	680PF	20% 1KV
C711	1-123-356-00	ELECT	10MF	20% 50V

DIODE

D701 8-719-300-76 DIODE RH1A
 D702 8-719-300-76 DIODE RH1A
 D703 8-719-300-76 DIODE RH1A

COIL

L701 1-407-166-XX MICRO INDUCTOR 56UH

Ref.No	Part No.	Description	Remark
L702	1-407-166-XX	MICRO INDUCTOR 56UH	
L703	1-407-166-XX	MICRO INDUCTOR 56UH	
L704	1-407-701-00	MICRO INDUCTOR 47UH	

TRANSISTOR

Q701 8-729-168-83 TRANSISTOR 2SC2688
 Q702 8-729-168-83 TRANSISTOR 2SC2688
 Q703 8-729-168-83 TRANSISTOR 2SC2688
 Q704 8-729-281-53 TRANSISTOR 2SC1815
 Q705 8-729-281-53 TRANSISTOR 2SC1815
 Q706 8-729-281-53 TRANSISTOR 2SC1815

RESISTOR

R701	1-247-119-00	CARBON	330	5%	1/4W
R702	1-246-480-00	CARBON	2K	5%	1/4W
R703	1-206-743-00	METAL OXIDE	5.6K	5%	3W F
R704	1-246-480-00	CARBON	2K	5%	1/4W
R705	1-247-119-00	CARBON	330	5%	1/4W
R706	1-206-743-00	METAL OXIDE	5.6K	5%	3W F
R707	1-247-119-00	CARBON	330	5%	1/4W
R708	1-246-480-00	CARBON	2K	5%	1/4W
R709	1-206-743-00	METAL OXIDE	5.6K	5%	3W F
R710	1-202-824-00	SOLID	3.3K		1/2W
R711	1-202-722-00	SOLID	1.8M	10%	1/2W
R713	1-202-824-00	SOLID	3.3K		1/2W
R714	1-202-720-00	SOLID	1.2M	10%	1/2W
R715	1-202-815-51	SOLID	47K		1/2W
R716	1-202-824-00	SOLID	3.3K		1/2W
R717	1-202-834-00	SOLID	27K		1/2W
R718	1-202-549-00	SOLID	100	10%	1/2W
R719	1-202-842-51	SOLID	220K		1/2W
R720	1-202-719-00	SOLID	1M	10%	1/2W
R721	1-202-824-00	SOLID	3.3K		1/2W
R722	1-202-719-00	SOLID	1M	10%	1/2W
R724	1-247-155-00	CARBON	10K	5%	1/4W
R725	1-247-155-00	CARBON	10K	5%	1/4W
R726	1-247-155-00	CARBON	10K	5%	1/4W
R727	1-247-091-00	CARBON	22	5%	1/4W
R728	1-246-437-00	CARBON	33	5%	1/4W
R729	1-246-437-00	CARBON	33	5%	1/4W
R730	1-246-457-00	CARBON	220	5%	1/4W
R731	1-246-457-00	CARBON	220	5%	1/4W
R732	1-247-133-00	CARBON	1.2K	5%	1/4W
R733	1-247-133-00	CARBON	1.2K	5%	1/4W
R735	1-246-456-00	CARBON	200	5%	1/4W
R736	1-246-456-00	CARBON	200	5%	1/4W
R737	1-246-456-00	CARBON	200	5%	1/4W
R738	1-246-457-00	CARBON	220	5%	1/4W
R739	1-247-133-00	CARBON	1.2K	5%	1/4W
R740	1-246-437-00	CARBON	33	5%	1/4W
R741	1-212-360-00	METAL OXIDE	1	5%	1W F

VARIABLE RESISTOR

RV701 1-224-644-XX RES, ADJ, CARBON 4.7K
 RV702 1-224-643-XX RES, ADJ, CARBON 2.2K
 RV703 1-224-644-XX RES, ADJ, CARBON 4.7K

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• * Selected to yield optimum performance.

C D

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
RV704	1-224-643-XX	RES, ADJ, CARBON 2.2K		C544	1-101-821-00	CERAMIC	0.0022MF 500V
RV705	1-224-644-XX	RES, ADJ, CARBON 4.7K		C545	1-123-380-00	ELECT	1MF 20% 50V
RV706	1-224-643-XX	RES, ADJ, CARBON 2.2K		C547	1-123-332-00	ELECT	47MF 20% 16V
RV706	1-226-063-00	RES, ADJ, CARBON 2.2M		C548	1-123-332-00	ELECT	47MF 20% 16V
RV707	1-226-114-00	RES, ADJ, METAL GLAZE 2.2M		C549	1-123-330-00	ELECT	22MF 20% 16V

▲:A-1345-405-A	D BOARD, COMPLETE	*****		C551	1-102-228-00	CERAMIC	470PF 10% 500V
1-526-575-00	SOCKET, PLUG			C552	1-106-196-00	MYLAR	0.01MF 10% 100V
▲:4-340-905-00	HEAT SINK, V OUT			C559	1-108-579-00	MYLAR	0.01MF 5% 50V
▲:4-364-749-00	PLATE, SHIELD, F.B.T			C560	1-123-318-00	ELECT	33MF 20% 16V
CAPACITOR				C562	1-123-380-00	ELECT	1MF 20% 50V
C501	1-123-380-00	ELECT	1MF 20% 50V	C563	1-123-332-00	ELECT	47MF 20% 25V
C502	1-123-380-00	ELECT	1MF 20% 50V	C564	1-123-369-00	ELECT	4.7MF 20% 25V
C503	1-108-603-00	MYLAR	0.1MF 5% 50V	C802	1-123-379-00	ELECT	0.47MF 20% 50V
C504	1-131-448-00	TANTALUM	1MF 5% 35V	C803	1-123-379-00	ELECT	0.47MF 20% 50V
C505	1-123-324-00	ELECT	1000MF 20% 16V	C804	1-106-196-00	MYLAR	0.01MF 10% 100V
C506	1-123-321-00	ELECT	220MF 20% 16V	C805	1-123-331-00	ELECT	33MF 20% 25V
C507	1-106-196-00	MYLAR	0.01MF 10% 100V	C806	1-123-331-00	ELECT	33MF 20% 25V
C508	1-106-200-00	MYLAR	0.015MF 10% 100V	C807	1-106-184-00	MYLAR	0.0033MF 5% 50V
C509	1-123-381-00	ELECT	2.2MF 20% 100V	C808	1-130-022-00	FILM	0.0022MF 5% 50V
C510	1-161-959-00	CERAMIC	22PF 10% 500V	C809	1-123-357-00	ELECT	22MF 20% 50V
C511	1-123-345-00	ELECT	100MF 20% 35V	C810	1-121-246-00	ELECT	4.7MF 160V
C512	1-123-369-00	ELECT	4.7MF 20% 50V	C811	1-101-004-00	CERAMIC	0.01MF 50V
C514	1-123-332-00	ELECT	47MF 20% 16V	C812	1-106-220-00	MYLAR	0.1MF 10% 100V
C515	1-123-332-00	ELECT	47MF 20% 16V	C813	1-123-380-00	ELECT	1MF 20% 50V
C516	1-123-337-00	ELECT	1000MF 20% 25V	C814	1-123-380-00	ELECT	1MF 20% 50V
C517	1-123-369-00	ELECT	4.7MF 20% 50V	C815	1-106-216-00	MYLAR	0.068MF 10% 100V
C518	1-131-539-00	TANTALUM	2.2MF 5% 20V	C816	1-121-806-00	ELECT	10MF 16V
C519	1-123-286-00	ELECT	0.33MF 20% 50V	C817	1-123-380-00	ELECT	1MF 20% 50V
C520	1-123-447-00	ELECT	0.22MF 20% 50V	C818	1-102-820-00	CERAMIC	330PF 5% 50V
C521	1-123-362-00	ELECT	330MF 20% 50V	C819	1-108-689-11	MYLAR	0.0056MF 10% 200V
C522	1-123-356-00	ELECT	10MF 20% 25V	C820	1-101-810-00	CERAMIC	100PF 5% 500V
C523	1-123-332-00	ELECT	47MF 20% 16V	C821	1-102-030-00	CERAMIC	330PF 10% 500V
C524	1-106-180-00	MYLAR	0.0022MF 10% 100V	C822	1-123-003-00	ELECT	1MF 250V
C525	1-121-999-00	ELECT	10MF 160V	C823	1-130-069-00	FILM	0.43MF 5% 200V
C526	1-123-380-00	ELECT	1MF 20% 50V	C825	1-123-346-00	ELECT	220MF 20% 35V
C527	1-106-206-00	MYLAR	0.027MF 10% 100V	C826	1-129-706-00	FILM	0.0022MF 10% 630V
C528	1-106-206-00	MYLAR	0.027MF 10% 100V	C827	1-101-004-00	CERAMIC	0.01MF 50V
C529	1-123-380-00	ELECT	1MF 20% 50V	C828	1-121-999-00	ELECT	10MF 160V
C530	1-123-332-00	ELECT	47MF 20% 16V	C829	1-123-024-00	ELECT	33MF 160V
C531	1-123-332-00	ELECT	47MF 20% 16V	C830	1-108-429-00	MYLAR	0.047MF 10% 200V
C533	1-123-332-00	ELECT	47MF 20% 16V	C832	▲:1-161-753-00	CERAMIC	470PF 10% 3KV
C534	1-108-579-00	MYLAR	0.01MF 5% 50V	C833	1-123-379-00	ELECT	0.47MF 20% 50V
C535	1-123-330-00	ELECT	22MF 20% 16V	C834	1-102-212-00	CERAMIC	820PF 10% 500V
C537	1-123-380-00	ELECT	1MF 20% 50V	C835	1-106-180-00	MYLAR	0.0022MF 10% 100V
C538	1-106-216-00	MYLAR	0.068MF 10% 100V	C836	1-102-531-00	CERAMIC	150PF 5% 50V
C539	1-102-121-00	CERAMIC	0.0022MF 10% 50V	C837	1-123-586-00	ELECT	0.1MF 20% 50V
C540	1-102-824-00	CERAMIC	470PF 5% 50V	C838	1-123-380-00	ELECT	1MF 20% 50V
C541	1-102-820-00	CERAMIC	330PF 5% 50V	C839	1-123-331-00	ELECT	33MF 20% 25V
C542	1-123-026-00	ELECT	2.2MF 160V	C841	▲:1-161-961-00	CERAMIC	0.0022MF 10% 3KV
C543	1-123-380-00	ELECT	1MF 20% 100V	C843	1-123-369-00	ELECT	4.7MF 20% 50V
				C844	1-106-212-00	MYLAR	0.047MF 10% 100V
				C845	▲:1-108-431-00	MYLAR	0.068MF 10% 200V
				C846	▲:1-136-044-00	FILM	0.0017MF 3% 1.6KV

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Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
C847	▲1-136-044-00	FILM	0.0017MF 3% 1.6KV	D806	8-719-300-76	DIODE RH1A	
C848	▲1-136-044-00	FILM	0.0017MF 3% 1.6KV	D807	8-719-903-09	DIODE V30N	
C850	1-102-030-00	CERAMIC	330PF 10% 500V	D809	8-719-901-93	DIODE V19E	
C852	1-101-006-00	CERAMIC	0.047MF 50V	D810	8-719-911-19	DIODE ISS119	
C853	1-106-188-00	MYLAR	0.0047MF 10% 100V	D811	8-719-911-19	DIODE ISS119	
C854	1-102-223-00	CERAMIC	0.0047MF 10% 2KV	D812	8-719-100-30	DIODE RD5.1E-B2	
C855	1-123-381-00	ELECT	2.2MF 20% 50V	D813	8-719-300-45	DIODE EM1Z	
C856	1-106-188-00	MYLAR	0.0047MF 10% 100V	D814	8-719-300-45	DIODE EM1Z	
C857	1-123-357-00	ELECT	22MF 20% 50V	D815	8-719-911-19	DIODE ISS119	
C858	1-121-999-00	ELECT	10MF 160V	D816	8-719-911-19	DIODE ISS119	
C859	1-123-357-00	ELECT	22MF 20% 50V	D817	8-719-300-76	DIODE RH1A	
C862	1-102-824-00	CERAMIC	470PF 5% 50V	D818	8-719-300-76	DIODE RH1A	
C863	1-102-074-00	CERAMIC	0.001MF 10% 50V	D819	8-719-300-76	DIODE RH1A	
C864	1-102-976-00	CERAMIC	180PF 5% 50V	D820	8-719-911-19	DIODE ISS119	
C865	1-123-369-00	ELECT	4.7MF 20% 50V				
C875	1-106-196-00	MYLAR	0.01MF 10% 100V				
<u>CONNECTOR</u>				<u>CONNECTOR</u>			
D2	▲1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		DY1	▲1-506-348-XX	4P PLUG	
D3	▲1-508-765-00	3P PLUG (M)		DY2	▲1-506-348-XX	4P PLUG	
D4	▲1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P					
D5	▲1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		<u>IC</u>			
D6	▲1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		IC501	8-759-878-03	IC LA7802	
D7	▲1-508-765-00	3P PLUG (M)		IC502	8-759-113-58	IC UPC1358H	
D8	▲1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P		IC503	8-759-979-16	IC CX7916	
D9	▲1-560-127-00	PLUG, CONNECTOR (2.5MM) 7P		IC504	8-752-006-10	IC CX20061	
D10	▲1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		IC505	8-759-145-58	IC UPC4558C	
D11	▲1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P		IC506	8-719-907-13	DIODE PC713	
D12	▲1-508-768-00	6P PLUG		IC801	8-759-240-11	IC TC40118P	
D13	▲1-508-765-00	3P PLUG (M)					
D14	▲1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		<u>COIL</u>			
D16	▲1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		L801	1-408-247-00	MICRO INDUCTOR 33MMH	
D17	▲1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		L802	1-408-247-00	MICRO INDUCTOR 33MMH	
D18	▲1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P		L803	▲1-459-451-00	COIL, FERRITE	
				L804	▲1-459-261-00	COIL, VARIABLE	
				L805	▲1-459-155-00	COIL (WITH CORE) 45MH	
				L806	▲1-459-155-00	COIL (WITH CORE) 45MH	
				L807	▲1-459-261-00	COIL, VARIABLE	
				L808	1-407-501-00	MICRO INDUCTOR 5.6MMH	
				L809	1-407-841-00	COIL 15UH	
				L811	1-407-166-XX	MICRO INDUCTOR 56UH	
				L812	1-459-155-00	COIL (WITH CORE) 45MH	
				L813	1-407-364-00	COIL, SPOOK CHOKE	
				L814	1-408-349-00	COIL, CHOKE	
				L815	1-407-494-00	MICRO INDUCTOR 1.5MMH	
				L816	▲1-459-457-00	COIL, VARIABLE	
				L817	1-407-693-00	MICRO INDUCTOR 10UH	
				L818	1-407-501-00	MICRO INDUCTOR 5.6MMH	
				<u>TRANSISTOR</u>			
				Q501	8-729-204-83	TRANSISTOR 2SA1048-GR	
				Q502	8-729-313-42	TRANSISTOR 2SD1134	
				Q503	8-729-245-83	TRANSISTOR 2SC2458	
				Q504	8-729-245-83	TRANSISTOR 2SC2458	
				Q505	8-729-204-83	TRANSISTOR 2SA1048-GR	

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

D

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
Q506	8-729-245-83	TRANSISTOR 2SC2458		R523	1-247-883-00	CARBON 150K 5% 1/6W	
Q507	8-729-245-83	TRANSISTOR 2SC2458		R524	1-247-831-00	CARBON 1K 5% 1/6W	
Q508	8-729-204-83	TRANSISTOR 2SA1048-GR		R525	1-247-841-00	CARBON 2.7K 5% 1/6W	
Q509	8-729-245-83	TRANSISTOR 2SC2458		R527	1-247-844-00	CARBON 3.6K 5% 1/6W	
Q510	8-729-245-83	TRANSISTOR 2SC2458		R529	1-247-841-00	CARBON 2.7K 5% 1/6W	
Q511	8-729-245-83	TRANSISTOR 2SC2458		R530	1-247-849-00	CARBON 5.6K 5% 1/6W	
Q512	8-729-245-83	TRANSISTOR 2SC2458		R531	1-247-855-00	CARBON 10K 5% 1/6W	
Q513	8-729-245-83	TRANSISTOR 2SC2458		R532	1-247-862-00	CARBON 20K 5% 1/6W	
Q514	8-729-204-83	TRANSISTOR 2SA1048-GR		R533	1-247-843-00	CARBON 3.3K 5% 1/6W	
Q515	8-729-204-83	TRANSISTOR 2SA1048-GR		R534	1-247-843-00	CARBON 3.3K 5% 1/6W	
Q516	8-729-245-83	TRANSISTOR 2SC2458		R535	1-247-855-00	CARBON 10K 5% 1/6W	
Q518	8-729-245-83	TRANSISTOR 2SC2458		R536	1-247-855-00	CARBON 10K 5% 1/6W	
Q519	8-729-204-83	TRANSISTOR 2SA1048-GR		R537	1-246-465-00	CARBON 470 5% 1/4W	
Q520	8-729-255-12	TRANSISTOR 2SC2551		R538	1-215-481-00	METAL 330K 1% 1/6W	
Q521	8-729-238-32	TRANSISTOR 2SC2383		R539	1-247-876-00	CARBON 75K 5% 1/6W	
Q522	8-729-201-32	TRANSISTOR 2SA1013		R540	1-247-839-00	CARBON 2.2K 5% 1/6W	
Q523	8-729-245-83	TRANSISTOR 2SC2458		R541	1-247-839-00	CARBON 2.2K 5% 1/6W	
Q524	8-729-245-83	TRANSISTOR 2SC2458		R542	1-247-867-00	CARBON 33K 5% 1/6W	
Q801	8-729-168-82	TRANSISTOR 2SC2688		R543	1-247-831-00	CARBON 1K 5% 1/6W	
Q802	8-729-177-43	TRANSISTOR 2SD774		R544	1-247-831-00	CARBON 1K 5% 1/6W	
Q803	8-729-287-00	TRANSISTOR 2SD870		R545	1-247-819-00	CARBON 330 5% 1/6W	
	3-701-353-00	SPACER, MICA, Q803		R546	1-247-875-00	CARBON 68K 5% 1/6W	
	3-701-609-00	BUSHING (B), TR, Q803		R547	1-247-857-00	CARBON 12K 5% 1/6W	
	4-314-938-01	RETAINER (TO-3), TRANSISTOR, Q803		R548	1-247-855-00	CARBON 10K 5% 1/6W	
	4-336-010-00	HEAT SINK, Q803		R549	1-247-843-00	CARBON 3.3K 5% 1/6W	
Q805	8-729-245-83	TRANSISTOR 2SC2458		R550	1-247-807-00	CARBON 100 5% 1/6W	
Q806	8-729-245-83	TRANSISTOR 2SC2458		R551	1-247-873-00	CARBON 56K 5% 1/6W	
Q807	8-729-213-12	TRANSISTOR 2SC2230A		R552	1-247-872-00	CARBON 51K 5% 1/6W	
Q808	8-729-177-43	TRANSISTOR 2SD774		R553	1-247-847-00	CARBON 4.7K 5% 1/6W	
Q809	8-729-612-77	TRANSISTOR 2SA1027R		R554	1-247-861-00	CARBON 18K 5% 1/6W	
Q810	8-729-177-43	TRANSISTOR 2SD774		R555	1-247-841-00	CARBON 2.7K 5% 1/6W	
<u>RESISTOR</u>				R557	1-247-807-00	CARBON 100 5% 1/6W	
R501	1-247-831-00	CARBON 1K 5% 1/6W		R558	1-247-831-00	CARBON 1K 5% 1/6W	
R502	1-247-869-00	CARBON 39K 5% 1/6W		R559	1-247-875-00	CARBON 68K 5% 1/6W	
R503	1-247-897-00	CARBON 560K 5% 1/6W		R561	1-247-807-00	CARBON 100 5% 1/6W	
R504	1-247-833-00	CARBON 1.2K 5% 1/6W		R562	1-247-841-00	CARBON 2.7K 5% 1/6W	
R505	1-247-839-00	CARBON 2.2K 5% 1/6W		R563	1-247-807-00	CARBON 100 5% 1/6W	
R506	1-247-887-00	CARBON 220K 5% 1/6W		R564	1-247-852-00	CARBON 7.5K 5% 1/6W	
R508	1-247-831-00	CARBON 1K 5% 1/6W		R565	1-247-879-00	CARBON 100K 5% 1/6W	
R509	1-247-855-00	CARBON 10K 5% 1/6W		R566	1-247-807-00	CARBON 100 5% 1/6W	
R510	1-246-458-00	CARBON 240 5% 1/4W		R567	1-247-825-00	CARBON 560 5% 1/6W	
R511	1-215-471-00	METAL 120K 1% 1/6W		R568	1-247-840-00	CARBON 2.4K 5% 1/6W	
R512	1-212-970-51	FUSIBLE 33 5% 1/2W	F	R569	1-247-831-00	CARBON 1K 5% 1/6W	
R513	1-217-477-00	FUSIBLE 4.7 5% 1W	F	R570	1-247-807-00	CARBON 100 5% 1/6W	
R514	1-247-829-00	CARBON 820 5% 1/6W		R571	1-247-831-00	CARBON 1K 5% 1/6W	
R515	1-215-466-00	METAL 75K 1% 1/6W		R572	1-247-889-00	CARBON 270K 5% 1/6W	
R516	1-247-839-00	CARBON 2.2K 5% 1/6W		R573	1-247-865-00	CARBON 27K 5% 1/6W	
R517	1-247-819-00	CARBON 330 5% 1/6W		R574	1-247-835-00	CARBON 1.5K 5% 1/6W	
R519	1-215-458-00	METAL 36K 1% 1/6W		R575	1-247-851-00	CARBON 6.8K 5% 1/6W	
R520	1-247-871-00	CARBON 47K 5% 1/6W		R576	1-247-840-00	CARBON 2.4K 5% 1/6W	
R521	1-212-365-00	METAL OXIDE 2.7 5% 1W	F	R581	1-247-855-00	CARBON 10K 5% 1/6W	
R522	1-247-850-00	CARBON 6.2K 5% 1/6W		R582	1-247-204-00	CARBON 33 5% 1/2W	F
				R583	1-247-831-00	CARBON 1K 5% 1/6W	

PVM-1370QM

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Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
R584	1-247-878-00	CARBON	91K 5% 1/6W	R828	1-244-923-00	CARBON	120K 5% 1/2W
R585	1-212-992-00	FUSIBLE	270 5% 1/2W F	R828A	1-244-923-00	CARBON	120K 5% 1/2W
R586	1-246-507-00	CARBON	27K 5% 1/4W	R829A	1-214-879-00	METAL	4.3K 1% 1/2W
R587	1-247-155-00	CARBON	10K 5% 1/4W	R829B	1-214-880-00	METAL	4.7K 1% 1/2W
R589	1-247-831-00	CARBON	1K 5% 1/6W	R830	1-247-614-00	CARBON	3.3K 5% 1/8W
R590	1-247-827-00	CARBON	680 5% 1/6W	R831	1-213-143-00	METAL OXIDE	1K 5% 1W F
R591	1-247-204-00	CARBON	33 5% 1/2W F	R832	1-247-840-00	CARBON	2.4K 5% 1/6W
R592	1-247-879-00	CARBON	100K 5% 1/6W	R833	1-247-662-00	CARBON	560 5% 1/4W F
R593	1-247-841-00	CARBON	2.7K 5% 1/6W	R834	1-247-228-00	CARBON	330 5% 1/2W
R594	1-247-875-00	CARBON	68K 5% 1/6W	R835	1-247-864-00	CARBON	24K 5% 1/6W
R595	1-247-873-00	CARBON	56K 5% 1/6W	R838	1-247-840-00	CARBON	2.4K 5% 1/6W
R596	1-247-807-00	CARBON	100 5% 1/6W	R839	1-247-855-00	CARBON	10K 5% 1/6W
R597	1-247-807-00	CARBON	100 5% 1/6W	R840	1-247-838-00	CARBON	2K 5% 1/6W
R598	1-247-852-00	CARBON	7.5K 5% 1/6W	R841	1-247-824-00	CARBON	510 5% 1/6W
R599	1-215-454-00	METAL	24K 1% 1/6W	R842	1-247-839-00	CARBON	2.2K 5% 1/6W
R601	1-247-843-00	CARBON	3.3K 5% 1/6W	R843	1-247-889-00	CARBON	270K 5% 1/6W
R602	1-247-855-00	CARBON	10K 5% 1/6W	R844	1-247-883-00	CARBON	150K 5% 1/6W
R603	1-247-855-00	CARBON	10K 5% 1/6W	R845	1-247-874-00	CARBON	62K 5% 1/6W
R604	1-202-649-15	SOLID	1.5M 5% 1/2W	*R846	1-247-862-00	CARBON	20K 5% 1/6W
R605	1-247-854-00	CARBON	9.1K 5% 1/6W	*R846	1-247-863-00	CARBON	22K 5% 1/6W
R606	1-247-843-00	CARBON	3.3K 5% 1/6W	*R846	1-247-864-00	CARBON	24K 5% 1/6W
R607	1-213-137-00	METAL OXIDE	330 5% 1W F	*R846	1-247-865-00	CARBON	27K 5% 1/6W
R608	1-213-137-00	METAL OXIDE	330 5% 1W F	*R846	1-247-866-00	CARBON	30K 5% 1/6W
R612	1-212-861-11	FUSIBLE	15 5% 1/4W F	*R846	1-247-867-00	CARBON	33K 5% 1/6W
R613	1-247-834-00	CARBON	1.3K 5% 1/6W	*R846	1-247-869-00	CARBON	39K 5% 1/6W
*R615	1-246-417-00	CARBON	4.7K 5% 1/4W	*R846	1-247-871-00	CARBON	47K 5% 1/6W
*R615	1-246-418-00	CARBON	5.6K 5% 1/4W	*R846	1-247-873-00	CARBON	56K 5% 1/6W
*R615	1-246-419-00	CARBON	5.6K 5% 1/4W	*R846	1-247-875-00	CARBON	68K 5% 1/6W
*R615	1-246-420-00	CARBON	6.8K 5% 1/4W	R847	1-247-851-00	CARBON	6.8K 5% 1/6W
*R615	1-246-422-00	CARBON	7.5K 5% 1/4W	R848	1-247-857-00	CARBON	12K 5% 1/6W
*R615	1-246-424-00	CARBON	10K 5% 1/4W	R849	1-247-855-00	CARBON	10K 5% 1/6W
*R615	1-246-427-00	CARBON	100K 5% 1/4W	R850	1-247-850-00	CARBON	6.2K 5% 1/6W
R616	1-247-879-00	CARBON	100K 5% 1/6W	R851	1-247-859-00	CARBON	15K 5% 1/6W
R617	1-247-807-00	CARBON	100 5% 1/6W	R852	1-247-849-00	CARBON	5.6K 5% 1/6W
R618	1-247-847-00	CARBON	4.7K 5% 1/6W	R853	1-247-831-00	CARBON	1K 5% 1/6W
R619A	1-247-852-00	CARBON	7.5K 5% 1/6W	R854	1-206-745-00	METAL OXIDE	6.8K 5% 3W F
R619B	1-206-660-00	METAL OXIDE	680 5% 2W F	R855	1-247-873-00	CARBON	56K 5% 1/6W
R801	1-247-852-00	CARBON	7.5K 5% 1/6W	R856	1-247-858-00	CARBON	13K 5% 1/6W
R802	1-247-869-00	CARBON	39K 5% 1/6W	R857	1-217-418-00	FUSIBLE	0.47 10% 1/2W F
R804	1-206-746-00	METAL OXIDE	7.5K 5% 3W F	R858	1-217-418-00	FUSIBLE	0.47 10% 1/2W F
R805	1-247-831-00	CARBON	1K 5% 1/8W F	R859	1-247-800-00	CARBON	51 5% 1/6W
R806	1-247-852-00	CARBON	7.5K 5% 1/6W	R860	1-247-861-00	CARBON	18K 5% 1/6W
R808	1-247-799-00	CARBON	47 5% 1/6W	R861	1-247-890-00	CARBON	300K 5% 1/6W
R809	1-247-822-00	CARBON	430 5% 1/6W	R862	1-246-509-00	CARBON	33K 5% 1/4W
R810	1-247-819-00	CARBON	330 5% 1/6W	R863	1-247-861-00	CARBON	18K 5% 1/6W
R811	1-247-831-00	CARBON	1K 5% 1/6W	R864	1-247-867-00	CARBON	33K 5% 1/6W
R812	1-212-358-00	METAL OXIDE	0.68 5% 1W F	R865	1-211-533-00	CARBON	300 5% 1/4W F
R813	1-247-822-00	CARBON	430 5% 1/6W	R868	1-247-646-00	CARBON	1 5% 1/4W F
R814	1-247-141-00	CARBON	2.7K 5% 1/4W	R869	1-247-831-00	CARBON	1K 5% 1/6W
R815	1-247-855-00	CARBON	10K 5% 1/6W	R870	1-247-646-00	CARBON	1 5% 1/4W F
R816	1-247-859-00	CARBON	15K 5% 1/6W	R871	1-247-831-00	CARBON	1K 5% 1/6W
R817	1-247-864-00	CARBON	24K 5% 1/6W	R872	1-213-149-00	METAL OXIDE	3.3 5% 1W F
R818	1-213-159-00	METAL OXIDE	22K 5% 1W F				
R819	1-247-012-00	CARBON	1K 5% 1/4W F				
R820	1-247-659-00	CARBON	68 5% 1/4W F				
R821	1-213-129-00	METAL OXIDE	68 5% 1W F				
R822	1-206-664-00	METAL OXIDE	1K 5% 2W F				
R823	1-206-660-00	METAL OXIDE	680 5% 2W F				
R825	1-244-925-00	CARBON	150K 5% 1/2W				

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

• * Selected to yield optimum performance.

D	H	D2
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Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
RV804	1-228-577-00	RES, ADJ, CARBON 220		R406	1-247-831-00	CARBON 1K 5% 1/6W	
		<u>RELAY</u>		R407	1-247-852-00	CARBON 7.5K 5% 1/6W	
RY501	1-515-323-00	RELAY		R408	1-247-831-00	CARBON 1K 5% 1/6W	
RY801	1-515-357-00	RELAY		R409	1-247-867-00	CARBON 33K 5% 1/6W	
RY802	1-515-307-00	RELAY				<u>VARIABLE RESISTOR</u>	
		<u>SPARK GAP</u>		RV401	1-228-937-00	RES, ADJ, CARBON 20K	
SG801	1-519-063-XX	DISCHARGING GAP		RV402	1-228-938-00	RES, ADJ, CARBON 20K	
		<u>TRANSFORMER</u>		RV403	1-228-938-00	RES, ADJ, CARBON 20K	
T501	1-427-512-00	TRANSFORMER, INPUT/OUTPUT		RV404	1-228-938-00	RES, ADJ, CARBON 20K	
T801	1-437-090-00	HDT		RV405	1-228-936-00	RES, ADJ, CARBON 10K	
T802	1-439-308-00	TRANSFORMER ASSY, FLYBACK		RV406	1-228-936-00	RES, ADJ, CARBON 10K	
T803	1-421-583-00	TRANSFORMER, FERRITE (HPCT)				<u>SWITCH</u>	
*****				S401	1-516-970-00	SLIDE SWITCH	
♣:1-609-371-00		H BOARD	*****	S402	1-516-970-00	SLIDE SWITCH	
♣:1-555-707-00		CONNECTOR ASSY (2.5MM) 10P		S403	1-516-970-00	SLIDE SWITCH	
♣:1-556-321-00		CONNECTOR ASSY (2.5MM) 7P		S404	1-554-118-00	PUSH SWITCH	
♣:1-556-338-00		CONNECTOR ASSY (2.5MM) 3P		S405	1-554-405-00	PUSH SWITCH (5 KEY)	
♣:1-556-338-00		COINNECTOR ASSY (2.5MM) 3P		*****			
♣:1-556-338-00		COINNECTOR ASSY (2.5MM) 3P		♣:1-609-701-00		D2 BOARD	*****
♣:1-556-398-00		CONNECTOR ASSY (2.5MM) 5P		♣:1-560-278-00		PLUG, CONNECTOR 3P	
♣:1-556-584-00		CONNECTOR ASSY (2.5MM) 2P		♣:1-560-721-21		PLUG, CONNECTOR 2P	
♣:1-556-585-00		CONNECTOR ASSY (2.5MM) 2P				<u>CAPACITOR</u>	
♣:1-556-652-00		CONNECTOR ASSY (2.5MM) 4P		C801	1-108-393-00	MYLAR 0.22MF 10% 100V	
♣:4-365-401-00		HOLDER, LED		C802	1-108-385-00	MYLAR 0.047MF 10% 100V	
		<u>DIODE</u>		C803	1-108-385-00	MYLAR 0.047MF 10% 100V	
D401	8-719-114-34	DIODE SY432D		C804	1-123-360-00	ELECT 100MF 20% 50V	
D402	8-719-114-34	DIODE SY432D		C805	1-123-356-00	ELECT 10MF 20% 50V	
D403	8-719-114-34	DIODE SY432D		C806	1-123-356-00	ELECT 10MF 20% 50V	
D404	8-719-114-34	DIODE SY432D		C807	1-123-380-00	ELECT 1MF 20% 50V	
D405	8-719-114-34	DIODE SY432D		C808	1-123-252-00	ELECT 1MF 160V	
D406	8-719-114-34	DIODE SY432D				<u>DIODE</u>	
D407	8-719-114-34	DIODE SY432D		D801	8-719-911-19	DIODE 1SS119	
D408	8-719-114-34	DIODE SY432D				<u>COIL</u>	
D409	8-719-114-34	DIODE SY432D		L801	1-408-244-00	MICRO INDUCTOR 18MMH	
D410	8-719-102-34	DIODE SG232D		L802	1-459-107-00	COIL, DUST CORE	
D411	8-719-160-08	DIODE RD3.0F-B1				<u>TRANSISTOR</u>	
		<u>TRANSISTOR</u>		Q801	8-729-313-82	TRANSISTOR 2SD1138	
Q401	8-729-245-83	TRANSISTOR 2SC2458		Q802	8-729-169-02	TRANSISTOR 2S62690A	
		<u>RESISTOR</u>		Q803	8-729-204-83	TRANSISTOR 2SA1048-GR	
R401	1-247-855-00	CARBON 10K 5% 1/6W		Q804	8-729-245-83	TRANSISTOR 2SC2458	
R402	1-247-868-00	CARBON 36K 5% 1/6W				<u>RESISTOR</u>	
R403	1-247-839-00	CARBON 2.2K 5% 1/6W		R801	1-246-497-00	CARBON 10K 5% 1/4W	
R404	1-247-824-00	CARBON 510 5% 1/6W		R802	1-213-143-00	METAL OXIDE 1K 5% 1W F	
R405	1-247-831-00	CARBON 1K 5% 1/6W					

The components identified by shading and mark ♣ are critical for safety. Replace only with part number specified.

D2

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
R804	1-247-012-00	CARBON 1K 5% 1/4W	F	L901	△.1-451-239-00	DEFLECTION YOKE (SY-97A)	
R807	1-246-483-00	CARBON 2.7K 5% 1/4W		L902	△.1-426-086-00	COIL, DEGAUSSING	
R808	1-217-265-11	WIREWOUND 22 10% 3W	F	L903	△.1-426-086-00	COIL, DEGAUSSING	
R809	1-217-265-11	WIREWOUND 22 10% 3W	F	S901	△.1-553-225-00	SWITCH, PUSH	
R810	1-246-425-00	CARBON 10 5% 1/4W		SP901	1-503-109-00	SPEAKER	
R811	1-246-491-00	CARBON 5.6K 5% 1/4W		V901	△.8-738-312-05	CRT (330YB22)	
R812	1-246-511-00	CARBON 39K 5% 1/4W		*****			
R813	1-246-511-00	CARBON 39K 5% 1/4W		ACCESSORIES AND PACKING MATERIALS			
R814	1-246-425-00	CARBON 10 5% 1/4W		*****			
R815	1-246-491-00	CARBON 5.6K 5% 1/4W		Part No.	Description	Remark	
R817	1-246-471-00	CARBON 820 5% 1/4W		4-316-037-00	BAG, POLYETHYLENE		
R819	1-246-481-00	CARBON 2.2K 5% 1/4W		4-364-734-00	CUSHION (UPPER) (ASSY)		
R820	1-246-508-00	CARBON 30K 5% 1/4W		4-364-735-00	CUSHION (LOWER) (ASSY)		
VARIABLE RESISTOR				4-365-410-00	INDIVIDUAL CARTON		
RV803	1-222-512-00	RES, ADJ, CARBON 10K		4-493-779-11	MANUAL, INSTRUCTION		
RV806	1-221-970-XX	RES, ADJ, CARBON 500					
RV816	1-226-853-00	RES, ADJ, CARBON 47K					

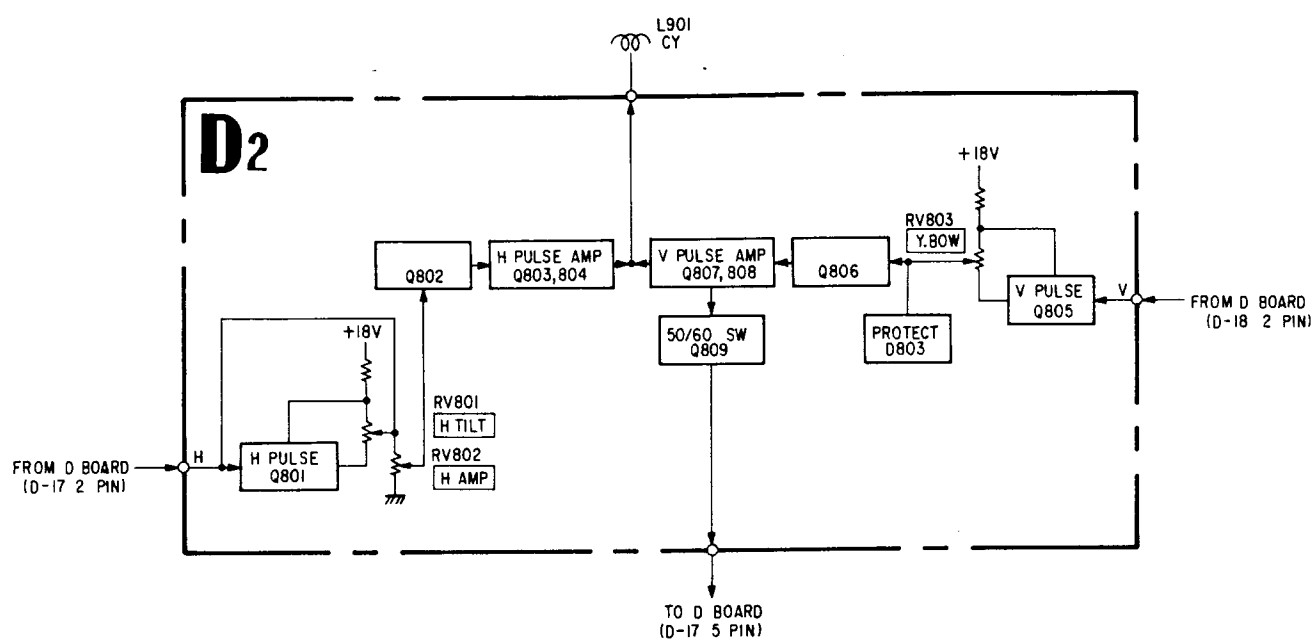
MISCELLANEOUS							

1-136-044-00 CAP, METALIZED PP FILM 1700PF							
△.1-162-142-21 CAP BLOCK, HIGH VOLTAGE							
△.1-228-482-00 RESISTOR ASSY, HIGH-VOLTAGE							
1-452-032-00 MAGNET, DISK; 10MM ϕ							
1-452-094-00 MAGNET, ROTATABLE DISK; 15MM ϕ							
1-452-146-21 MAGNET, BMC							
△.1-452-214-00 CRT NECK ASSY (H TYPE)							
△.1-509-779-00 6P CONNECTOR ASSY							
△.1-551-604-00 CONNECTOR ASSY, MINIATURE 3P							
△.1-551-854-00 CONNECTOR ASSY 1P							
△.1-555-014-00 CONNECTOR ASSY MINIATURE 3P							
△.1-555-200-00 CONNECTOR ASSY (2.5MM) 4P							
△.1-555-345-00 CONNECTOR ASSY (2.5MM) 2P							
△.1-555-348-00 CONNECTOR, MINIATURE 1P							
△.1-555-439-00 CONNECTOR ASSY (LARGE) 3P							
△.1-555-707-00 CONNECTOR ASSY (2.5MM) 10P							
△.1-555-707-00 CONNECTOR ASSY (2.5MM) 10P							
△.1-555-957-00 CONNECTOR ASSY (2.5MM) 2P							
△.1-555-962-00 CONNECTOR ASSY (2.5MM) 5P							
△.1-555-965-00 CONNECTOR ASSY (2.5MM) 5P							
△.1-555-973-00 CONNECTOR ASSY (LARGE) 4P							
△.1-556-016-00 CONNECTOR ASSY (2.5MM) 3P							
△.1-556-018-00 CONNECTOR ASSY (2.5MM) 3P							
△.1-556-148-00 CONNECTOR ASSY, MINIATURE 3P							
△.1-556-584-00 CONNECTOR ASSY (2.5MM) 2P							
△.1-556-585-00 CONNECTOR ASSY (2.5MM) 2P							
△.1-556-585-00 CONNECTOR ASSY (2.5MM) 2P							
△.1-556-671-00 CONNECTOR ASSY (2.5MM) 8P							
△.1-556-855-00 CONNECTOR ASSY (2.5MM) 12P							


The components identified by shading and mark △ are critical for safety. Replace only with part number specified.

SECTION 2



2-1. BLOCK DIAGRAM

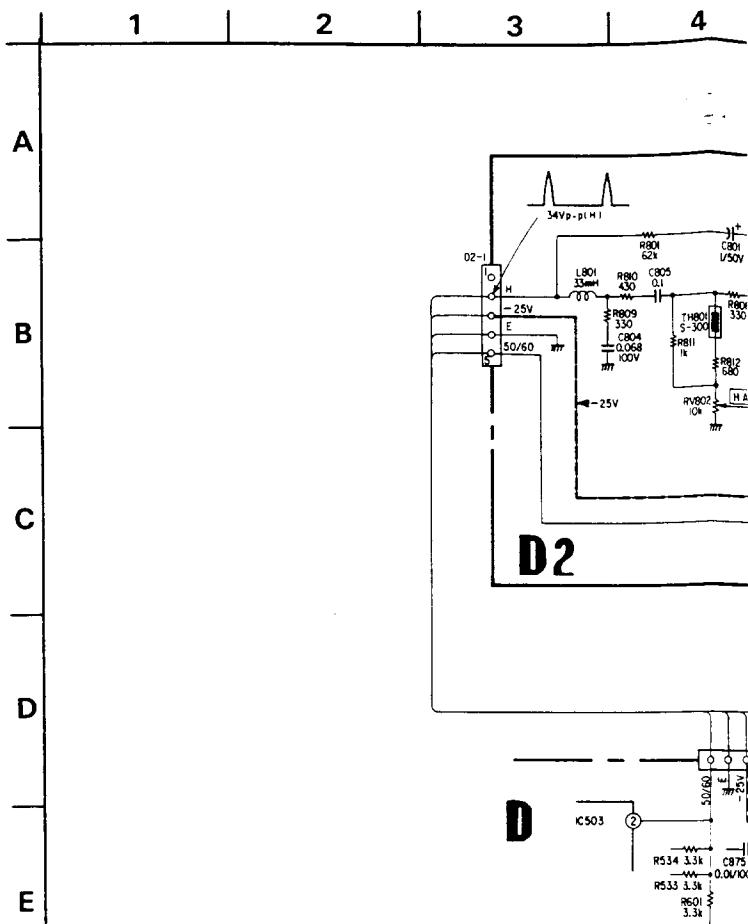


2-2. SCHEMATIC DIAGRAM

Note: The components identified by shading and mark  are critical for safety. Replace only with part number specified.

Note:

- All capacitors are in μF unless otherwise noted. pF : μF 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, $\frac{1}{4}\text{W}$ unless otherwise noted. $\text{k}\Omega$: 1000 Ω , $\text{M}\Omega$: 1000 $\text{k}\Omega$
-  : nonflammable resistor.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a 10M Ω digital multimeter.
- Voltage variations may be noted due to normal production tolerances.
-  : adjustment for repair.
- Voltage on F board is taken with Q602 Emitter.
- Readings are taken with a color-bar signal input.
no mark : with NTSC3.58 color-bar signal received.
< > : with SECAM color-bar signal received.
[] : with PAL color-bar signal received.
(()) : with NTSC4.43 color-bar signal received.
- — : B+ bus.
- - - - : B- bus.

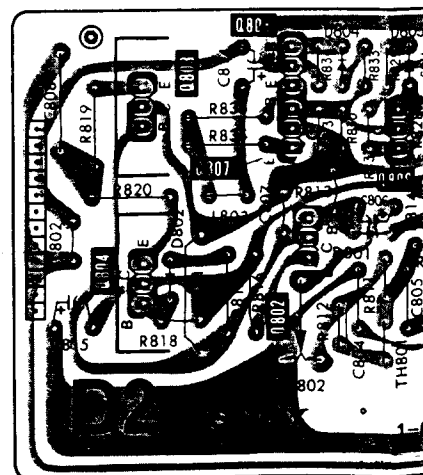


2-3. PRINTED WIRING BOARDS

— Conductor Side —

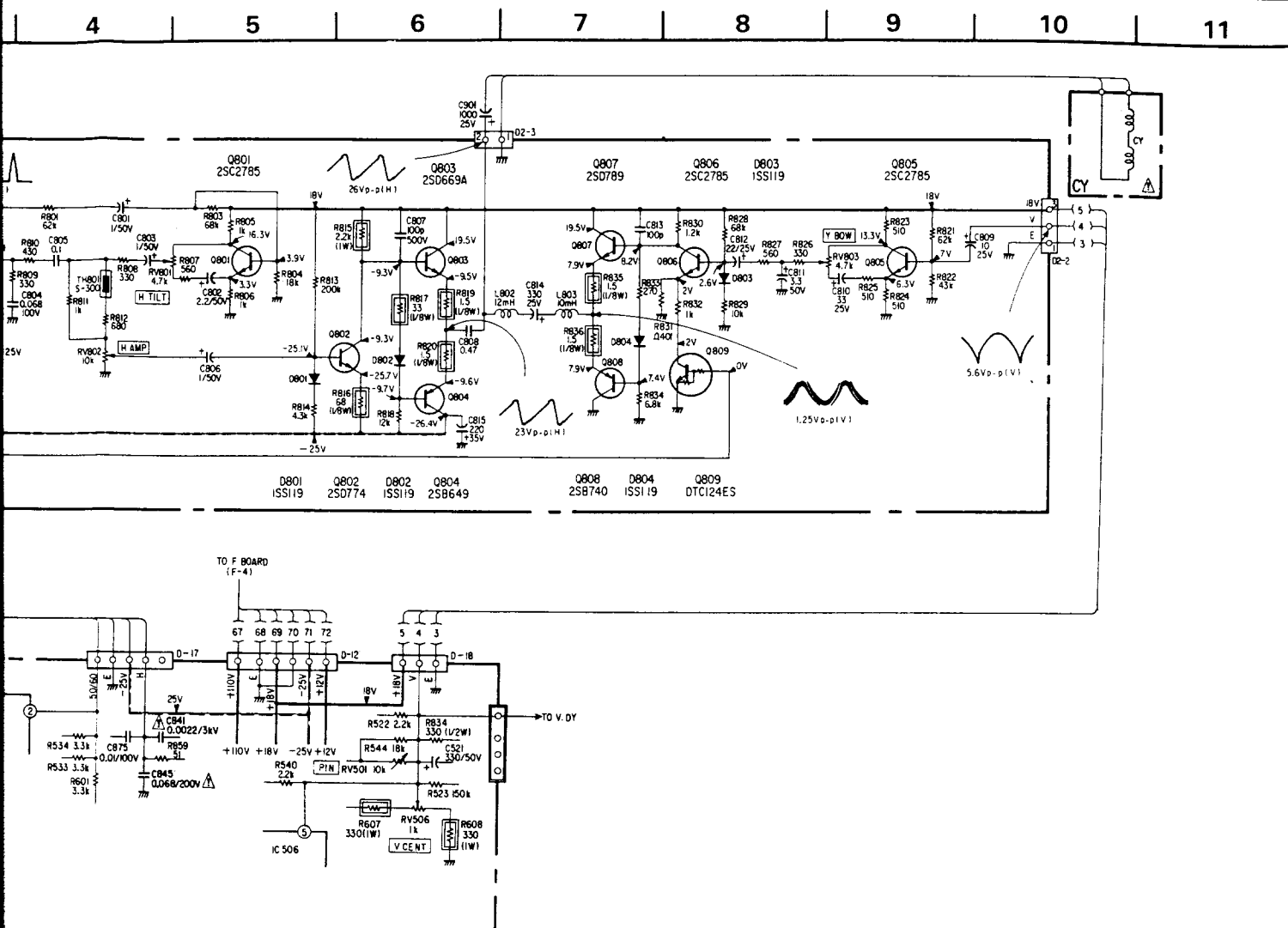
— D2 Board —

Q	803	808	806
	804	807,802	803
D	802	804	801
ADJ		RV802	



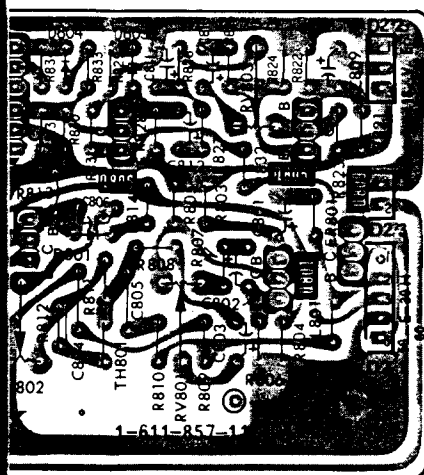
[H. V PULSE AMP]

D2

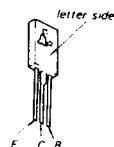


2-4. SEMICONDUCTORS

808	805	
807,802	806	801 809
804	803	
801		
RV802	RV803	
RV801		



2SB649A
2SD669A
2SB649



2SB740
2SD789



2SC2785



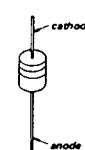
2SD774



DTC124ES



1SS119

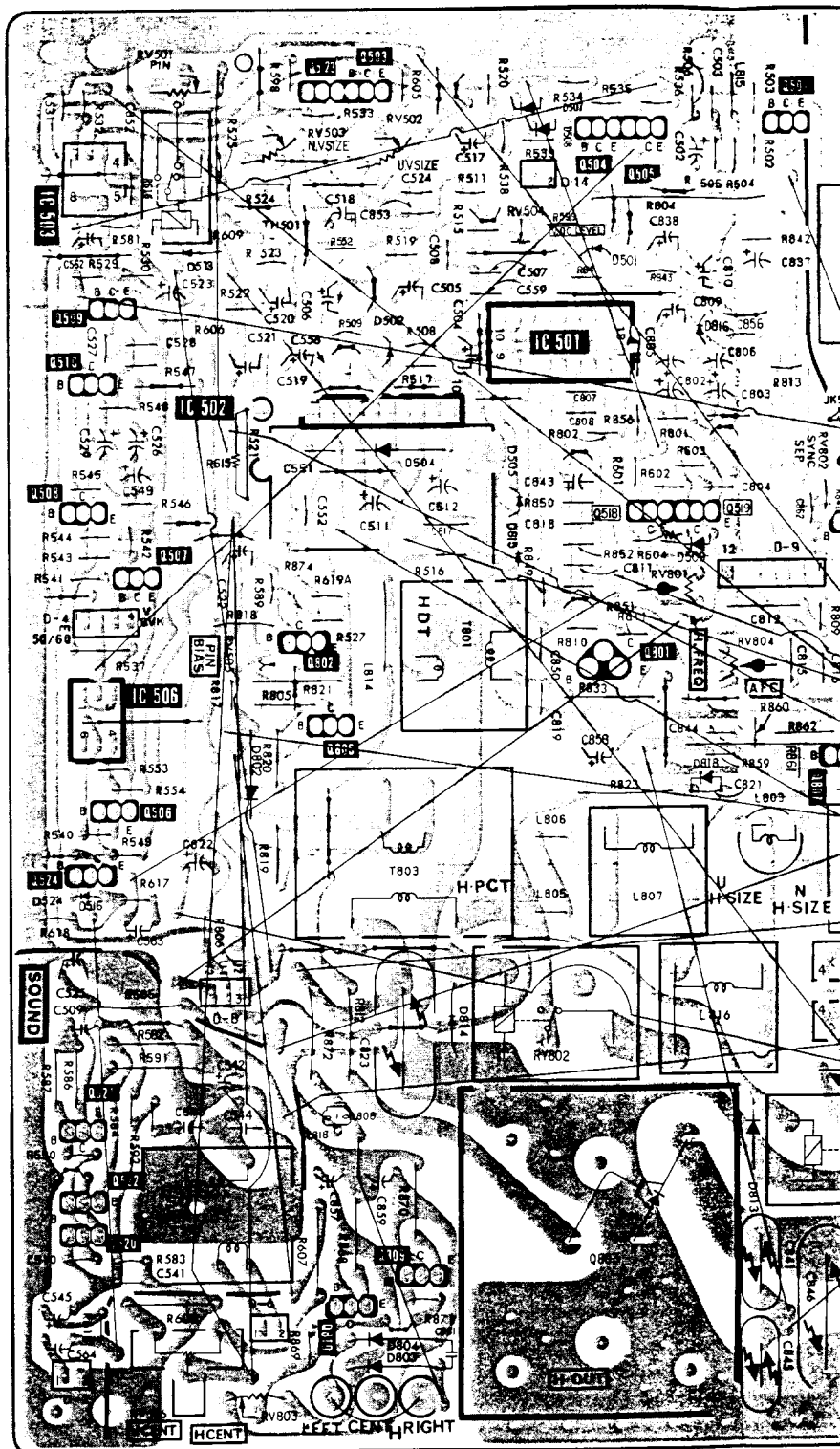


D

SYNC SEP, H. V OUT,
AUDIO OUT

– D Board –

Q	IC503	509	523	503	504	505	501
IC	510	508	802	IC502	IC501	518	519
	IC506	506	806	809	803	801	
	52	522	810				
D	516	513	802	502	507,508	501	818
			804	504	815,505		816
ADJ	RV501	RV503	RV803	RV502	RV504	RV801	RV804
	RV506						RV8



D

8

9

10

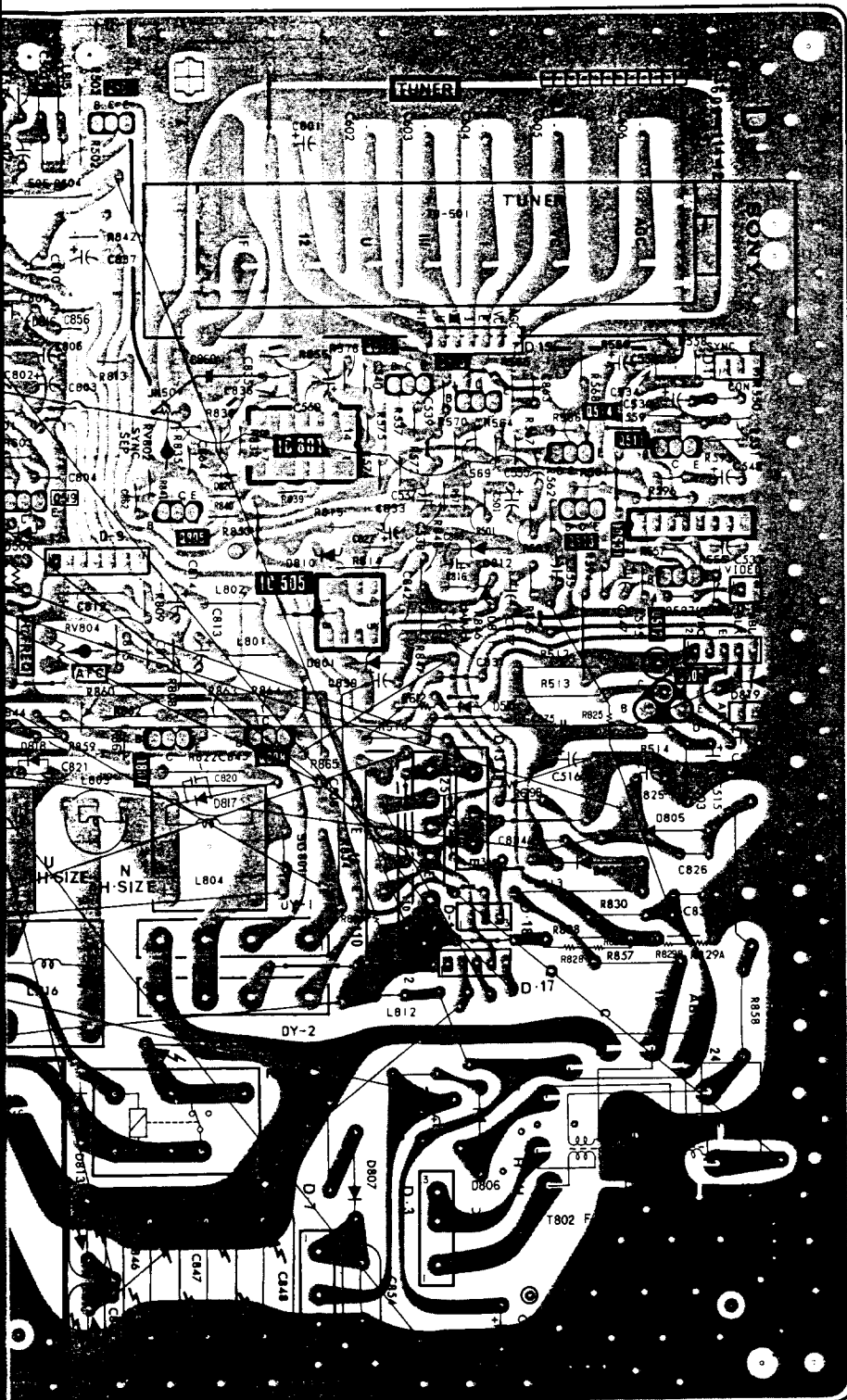
11

12

13

14

519	501	805	807	808	IC801	IC505	516	515	514	513	502	512	511	IC504	Q IC
818	816	813	817	820	810	801	812	811	809	805	503	819			D
RV801	RV804	RV802													ADJ



D2

2-6. ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board name.

- Items marked "A" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS

- MF : μF , PF : μuF

RESISTORS

- All resistors are in ohms
- F : nonflammable

COILS

- MMH : mH, UH : μ H

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
▲:1-611-857-11	D2 BOARD	*****		R809	1-247-819-00	CARBON	330 5% 1/6W
▲:1-560-278-00	PLUG, CONNECTOR 3P			R810	1-247-822-00	CARBON	430 5% 1/6W
▲:1-560-278-00	PLUG, CONNECTOR 5P			R811	1-247-831-00	CARBON	1K 5% 1/6W
▲:1-560-721-21	PLUG, CONNECTOR 2P			R812	1-247-827-00	CARBON	680 5% 1/6W
				R813	1-247-886-00	CARBON	200K 5% 1/6W
	<u>CAPACITOR</u>			R814	1-247-846-00	CARBON	4.3K 5% 1/6W
C801	1-123-380-00	ELECT	1MF	20%	50V		
C802	1-123-381-00	ELECT	2.2MF	20%	50V		
C803	1-123-380-00	ELECT	1MF	20%	50V		
C804	1-106-216-00	MYLAR	0.068MF	10%	100V		
C805	1-108-603-00	MYLAR	0.1MF	5%	50V		
C806	1-123-380-00	ELECT	1MF	20%	50V		
C807	1-162-117-00	CERAMIC	100PF	10%	500V		
C808	1-108-824-00	MYLAR	0.47MF	5%	50V		
C809	1-123-356-00	ELECT	10MF	20%	25V		
C810	1-123-331-00	ELECT	33MF	20%	25V		
C811	1-123-382-00	ELECT	3.3MF	20%	50V		
C812	1-123-330-00	ELECT	22MF	20%	25V		
C813	1-102-106-00	CERAMIC	100PF	10%	50V		
C814	1-123-335-00	ELECT	330MF	20%	25V		
C815	1-123-346-00	ELECT	220MF	20%	35V		
	<u>DIODE</u>			R815	1-213-147-00	METAL OXIDE	2.2K 5% 1W F
D801	8-719-911-19	DIODE	1SS119				
D802	8-719-911-19	DIODE	1SS119				
D803	8-719-911-19	DIODE	1SS119				
D804	8-719-911-19	DIODE	1SS119				
	<u>COIL</u>			R816	1-247-032-00	CARBON	68 5% 1/8W F
L801	1-407-510-00	MICRO INDUCTOR	33MMH				
L802	1-407-505-00	MICRO INDUCTOR	12MMH				
L803	1-407-504-00	MICRO INDUCTOR	10MMH				
	<u>TRANSISTOR</u>			R817	1-247-795-00	CARBON	33 5% 1/8W F
Q801	8-729-245-83	TRANSISTOR	2SC2458				
Q802	8-729-177-43	TRANSISTOR	2SD774				
Q803	8-729-306-92	TRANSISTOR	2SD669A				
Q804	8-729-304-92	TRANSISTOR	2SB649A				
Q805	8-729-245-83	TRANSISTOR	2SC2458				
Q806	8-729-245-83	TRANSISTOR	2SC2458				
Q807	8-729-177-43	TRANSISTOR	2SD774				
Q808	8-729-374-02	TRANSISTOR	2SB740				
Q809	8-729-900-36	TRANSISTOR	DTC124ES				
	<u>RESISTOR</u>			R818	1-247-857-00	CARBON	12K 5% 1/6W
R801	1-247-874-00	CARBON	62K	5%	1/6W		
R803	1-247-875-00	CARBON	68K	5%	1/6W		
R804	1-247-861-00	CARBON	18K	5%	1/6W		
R805	1-247-831-00	CARBON	1K	5%	1/6W		
R806	1-247-831-00	CARBON	1K	5%	1/6W		
R807	1-247-825-00	CARBON	560	5%	1/6W		
R808	1-247-819-00	CARBON	330	5%	1/6W		
				R819	1-247-021-00	CARBON	1.5 5% 1/8W F
				R820	1-247-021-00	CARBON	1.5 5% 1/8W F
				R821	1-247-874-00	CARBON	62K 5% 1/6W
				R822	1-247-870-00	CARBON	43K 5% 1/6W
				R823	1-247-824-00	CARBON	510 5% 1/6W
				R824	1-247-824-00	CARBON	510 5% 1/6W
				R825	1-247-817-00	CARBON	270 5% 1/6W
				R826	1-247-819-00	CARBON	330 5% 1/6W
				R827	1-247-825-00	CARBON	560 5